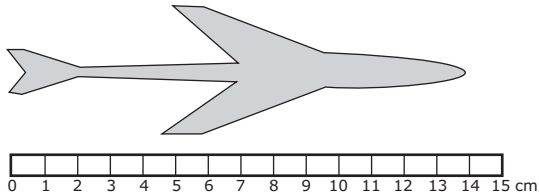


- 1 How long is the toy airplane?



_____ cm

- 2 Write the fraction when:

14 is the numerator and 45 is the denominator.



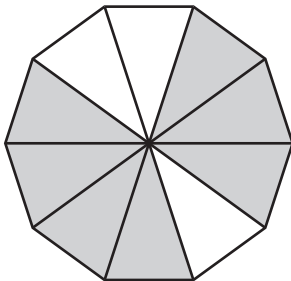
25 is the numerator and 56 is the denominator.



- 3 Complete the sequence.

30, 36, 42, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

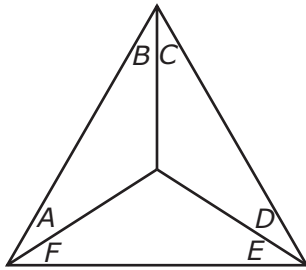


\$ _____

- 6 Write the correct number in each blank.

935 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	49
Eric	65
Layla	57
Liam	70
Marian	40

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9 Roberto weighs 120 pounds (lb) and his father weighs 205 lb. How much less is Roberto’s weight than his father’s weight?

_____ lb

10 Write the answer in each blank.

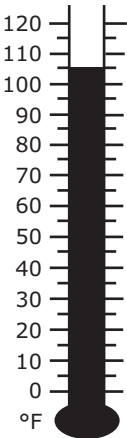
Look at this number

7,651

Which digit is in the hundreds place? _____

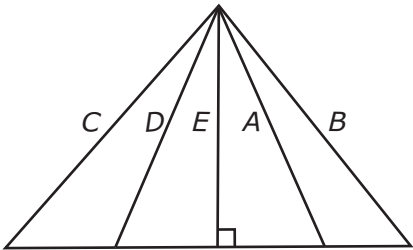
Which digit is in the ones place? _____

11 What is the temperature?



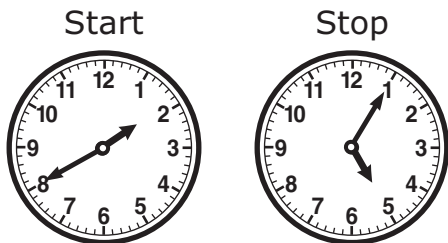
_____ °F

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Nell has 67 pennies, 70 dimes, and 66 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

Of these numbers

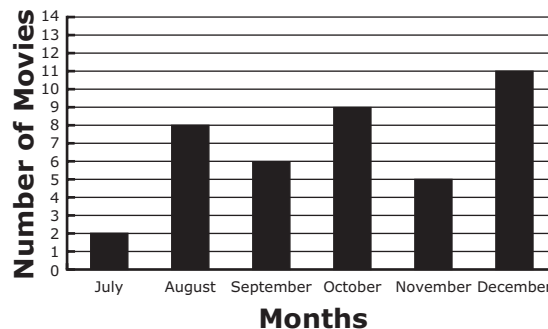
6,424 7,132 3,387 5,437

_____ is the largest

_____ is the smallest

- 16** Use the graph to answer the questions.

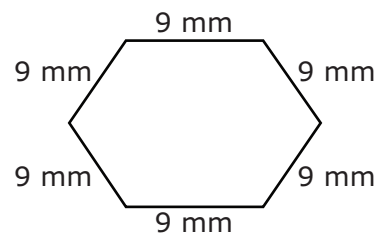
Movies Released Over Six Months



How many movies were released in November? _____

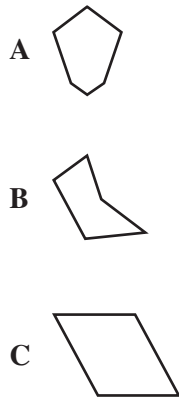
- 17** Rhea has to read three chapters from a book. The chapters contain 67, 70, and 63 pages. Rhea has already read 65 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



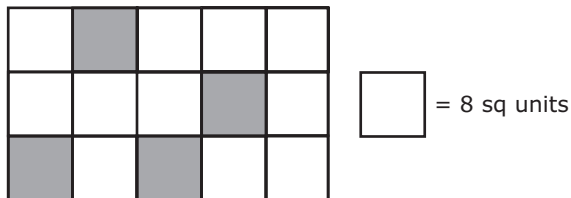
_____ mm

- 19** Which shape below is a hexagon?



- 20** Write eight hundreds nine tens two ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write five thousand five hundred seventy-six as a number.

- 23** Write the correct letter in the blank.

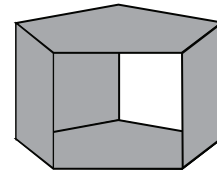
April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Science Fair

What day of the week is the third day after the science fair?

- A Monday
B Wednesday
C Friday

- 24** What is the fraction of the shaded faces on this solid?

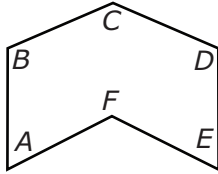


- 25** There are 20 horses in a stable. How many legs are there in the stable?

- 26** The height of a building is 333 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle C$ larger or smaller than a right angle?



- 28** A math book contains 355 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$2.95. Estimate to the nearest whole number the cost of 13 DVDs.

\$ _____

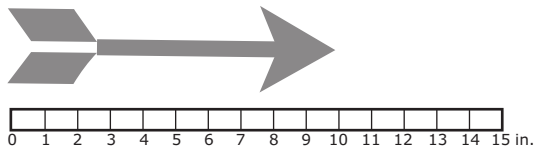
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 4 Answer Key

Item No.	Answer	Correct	Incorrect
1.	14	1	0
2.	$\frac{14}{45}, \frac{25}{56}$	1	0
3.	48, 54	1	0
4.	$\frac{7}{10}$	1	0
5.	4.35	1	0
6.	9, 3, 5	1	0
7.	3, 6	3	0
8.	65, 8	1	0
9.	85	1	0
10.	6, 1	1	0
11.	105	1	0
12.	E	3	0
13.	3, 25	3	0
14.	dime	1	0
15.	7,132; 3,387	1	0
16.	5	1	0
17.	135	2	0
18.	54	1	0
19.	A	2	0
20.	892	1	0
21.	32	3	0
22.	5,576	1	0
23.	C	1	0
24.	$\frac{5}{7}$	2	0
25.	80	2	0
26.	330	2	0
27.	larger	3	0
28.	400	2	0
29.	39	2	0

Total

- 1 How long is the arrow?



_____ in.

- 2 Write the fraction when:

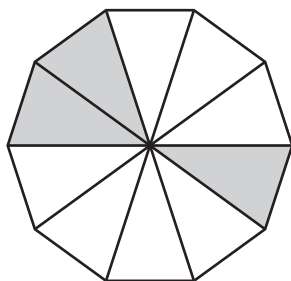
28 is the numerator and 55 is the denominator.

29 is the numerator and 54 is the denominator.

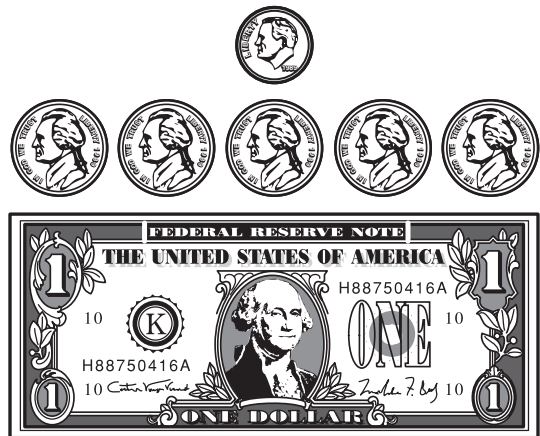
- 3 Complete the sequence.

2, 12, 22, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

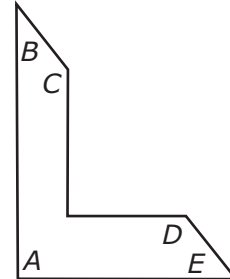


\$ _____

- 6 Write the correct number in each blank.

163 = ____ hundreds ____ tens ____ ones

- 7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

- 8** Use the table to answer the questions.

Name	Number of Marbles
Alan	44
Beth	51
Chris	49
Donny	56
Ethan	38

How many marbles does Beth have?

How many more marbles does Donny have than Alan? _____

- 9** Kevin weighs 55 kilograms (kg) and his father weighs 86 kg. How much less is Kevin's weight than his father's weight?

_____ kg

- 10** Write the answer in each blank.

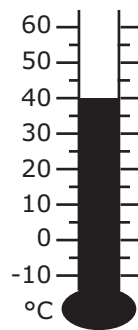
Look at this number

5,381

Which digit is in the hundreds place? _____

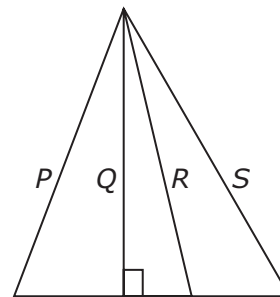
Which digit is in the ones place? _____

- 11** What is the temperature?



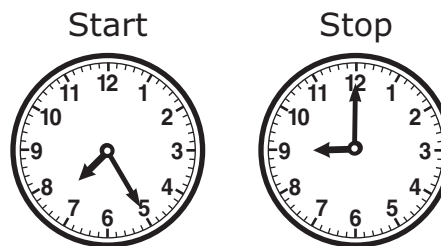
_____ °C

- 12** Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Kayla has 10 quarters, 9 dimes, and 8 nickels in her pocket. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

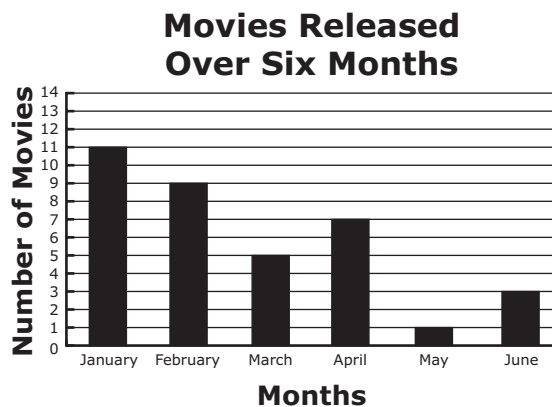
Of these numbers

1,045 1,405 1,450 1,054

_____ is the largest

_____ is the smallest

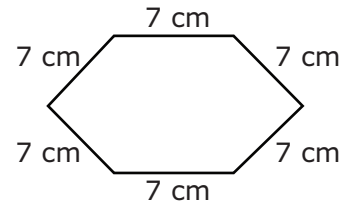
- 16** Use the graph to answer the questions.



How many movies were released in January?

- 17** Mimi has to solve problems on three math assignments. The assignments contain 38, 39, and 40 math problems. Mimi has already solved 30 math problems. How many more math problems does she need to solve?

- 18** What is the perimeter of this shape?



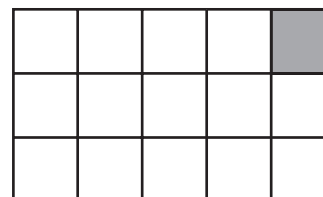
_____ cm

- 19** Which shape below is a triangle?



- 20** Write five hundreds five tens six ones as a number.

- 21** What is the area of the shaded region?



= 7 sq units

_____ sq units

- 22** Write eight thousand six hundred fourteen as a number.

- 23** Write the correct letter in the blank.

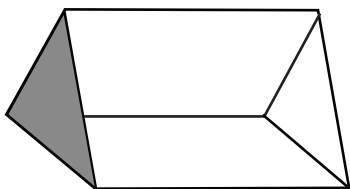
February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

Isabelle's Birthday

What day of the week is the second day after Isabelle's birthday?

- A Sunday
B Wednesday
C Saturday

- 24** What is the fraction of the shaded faces on this solid?

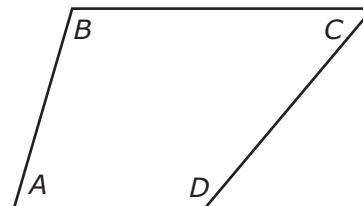


- 25** There are 25 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 145 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle B$ larger or smaller than a right angle?



- 28** A math book contains 130 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$4.95. Estimate to the nearest whole number the cost of 10 DVDs.

\$ _____

Student:

Teacher:

Date:

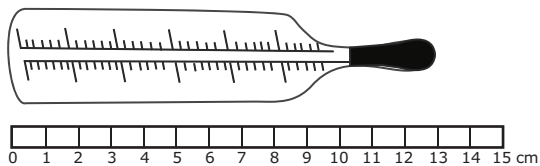
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 5 Answer Key

Item No.	Answer	Correct	Incorrect
1.	10	1	0
2.	$\frac{28}{55}, \frac{29}{54}$	1	0
3.	32, 42	1	0
4.	$\frac{3}{10}$	1	0
5.	1.35	1	0
6.	1, 6, 3	1	0
7.	0, 2	3	0
8.	51, 12	1	0
9.	31	1	0
10.	3, 1	1	0
11.	40	1	0
12.	Q	3	0
13.	1, 35	3	0
14.	quarter	1	0
15.	1,450; 1,045	1	0
16.	11	1	0
17.	87	2	0
18.	42	1	0
19.	A	2	0
20.	556	1	0
21.	7	3	0
22.	8,614	1	0
23.	B	1	0
24.	$\frac{1}{5}$	2	0
25.	50	2	0
26.	150	2	0
27.	larger	3	0
28.	100	2	0
29.	50	2	0

Total

- 1 How long is the thermometer?



_____ cm

- 2 Write the fraction when:

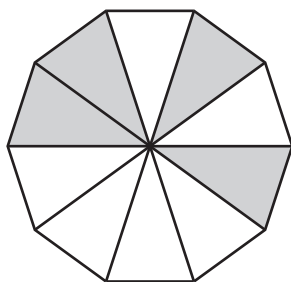
30 is the numerator and 57 is the denominator.

29 is the numerator and 54 is the denominator.

- 3 Complete the sequence.

6, 7, 8, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

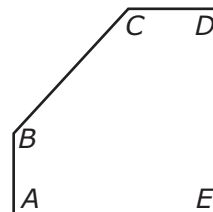


\$ _____

- 6 Write the correct number in each blank.

152 = ____ hundreds ____ tens ____ ones

- 7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

- 8** Use the table to answer the questions.

Name	Number of Marbles
Brian	46
Eric	53
Layla	59
Liam	40
Marian	48

How many marbles does Eric have? _____

How many more marbles does Layla have than Brian? _____

- 9** Kevin weighs 57 kilograms (kg) and his father weighs 85 kg. How much less is Kevin's weight than his father's weight?

_____ kg

- 10** Write the answer in each blank.

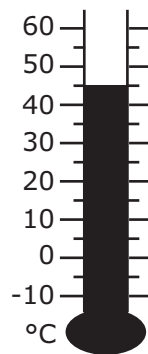
Look at this number

5,475

Which digit is in the hundreds place? _____

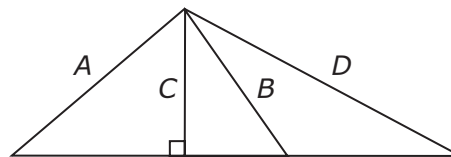
Which digit is in the ones place? _____

- 11** What is the temperature?



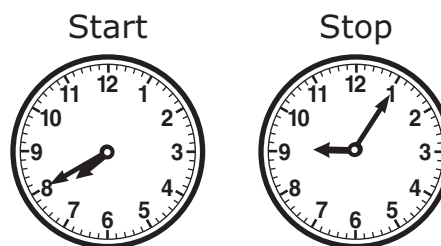
_____ °C

- 12** Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Kayla has 9 quarters, 10 dimes, and 7 nickels in her pocket. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

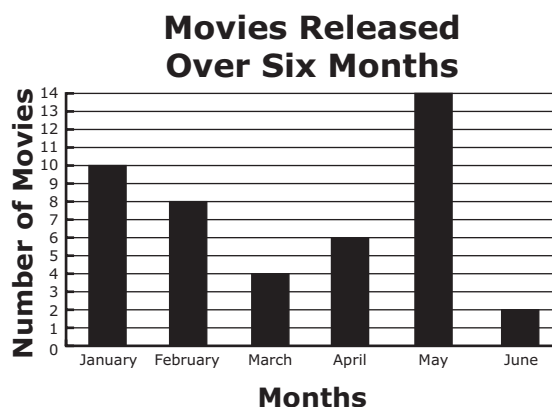
Of these numbers

1,056 1,605 1,560 1,065

_____ is the largest

_____ is the smallest

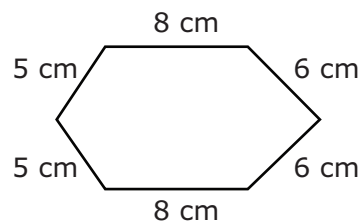
- 16** Use the graph to answer the questions.



How many movies were released in January?

- 17** Kaylie has to solve problems on three math assignments. The assignments contain 41, 42, and 43 math problems. Kaylie has already solved 35 math problems. How many more math problems does she need to solve?

- 18** What is the perimeter of this shape?



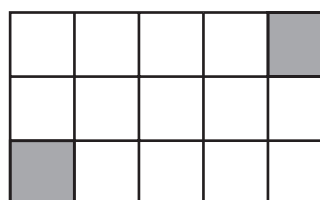
_____ cm

- 19** Which shape below is a pentagon?



- 20** Write five hundreds six tens four ones as a number.

- 21** What is the area of the shaded region?



= 7 sq units

_____ sq units

- 22** Write eight thousand seven hundred thirteen as a number.

- 23** Write the correct letter in the blank.

February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

First Day of Trip

What day of the week is the first day before the trip starts?

- A Monday
B Thursday
C Saturday

- 24** What is the fraction of the shaded faces on this solid?

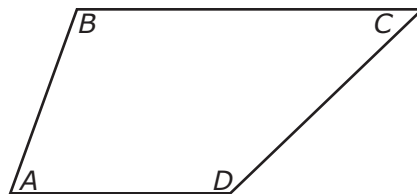


- 25** There are 26 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 156 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle B$ larger or smaller than a right angle?



- 28** A math book contains 135 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$4.90. Estimate to the nearest whole number the cost of 10 DVDs.

\$ _____

Student:

Teacher:

Date:

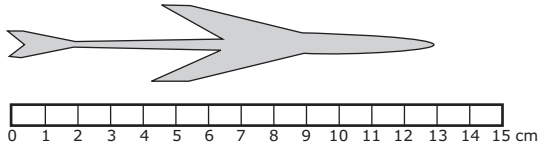
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 6 Answer Key

Item No.	Answer	Correct	Incorrect
1.	13	1	0
2.	$\frac{30}{57}, \frac{29}{54}$	1	0
3.	9, 10	1	0
4.	$\frac{4}{10}$ or $\frac{2}{5}$	1	0
5.	1.45	1	0
6.	1, 5, 2	1	0
7.	1, 0	3	0
8.	53, 13	1	0
9.	28	1	0
10.	4, 5	1	0
11.	45	1	0
12.	C	3	0
13.	1, 25	3	0
14.	dime	1	0
15.	1,605; 1,056	1	0
16.	10	1	0
17.	91	2	0
18.	38	1	0
19.	A	2	0
20.	564	1	0
21.	14	3	0
22.	8,713	1	0
23.	A	1	0
24.	$\frac{2}{5}$	2	0
25.	52	2	0
26.	160	2	0
27.	larger	3	0
28.	100	2	0
29.	50	2	0

Total

- 1 How long is the toy airplane?



_____ cm

- 2 Write the fraction when:

12 is the numerator and 43 is the denominator.



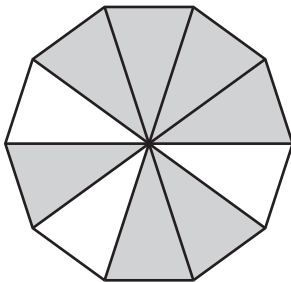
23 is the numerator and 53 is the denominator.



- 3 Complete the sequence.

30, 34, 38, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

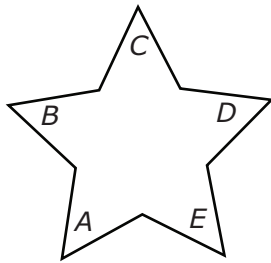


\$ _____

- 6 Write the correct number in each blank.

847 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	56
Eric	72
Layla	64
Liam	79
Marian	48

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9 Kevin weighs 115 pounds (lb) and his father weighs 198 lb. How much less is Kevin’s weight than his father’s weight?

_____ lb

10 Write the answer in each blank.

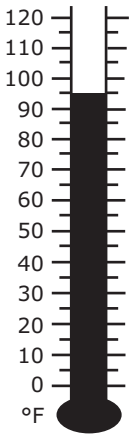
Look at this number

5,647

Which digit is in the hundreds place? _____

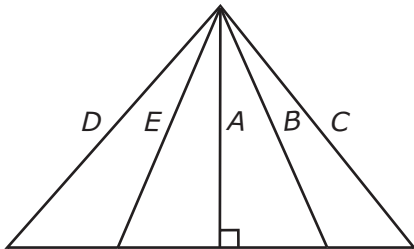
Which digit is in the ones place? _____

11 What is the temperature?



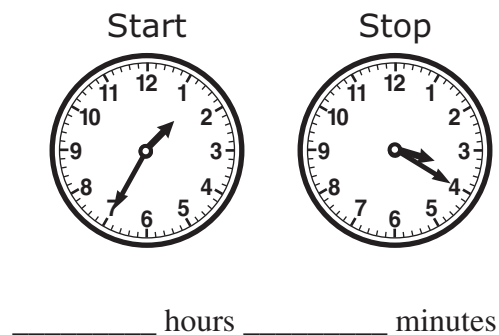
_____ °F

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



- 14** Kayla has 66 pennies, 57 dimes, and 61 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?
- _____

- 15** Write the answer in each blank.

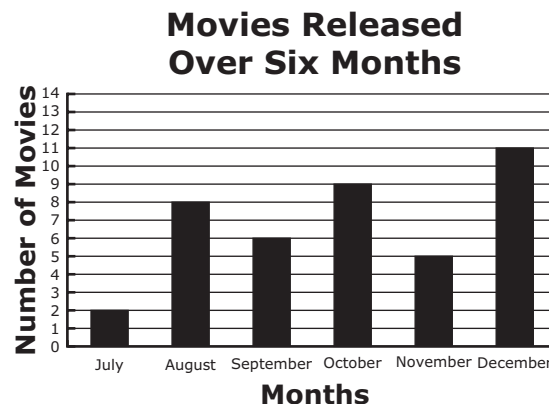
Of these numbers

1,912 4,371 4,933 7,433

_____ is the largest

_____ is the smallest

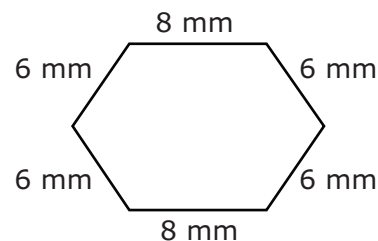
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

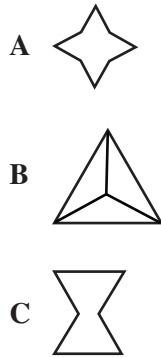
- 17** Sondra has to read three chapters from a book. The chapters contain 62, 65, and 63 pages. Sondra has already read 60 pages. How many more pages does she need to read?
- _____

- 18** What is the perimeter of this shape?



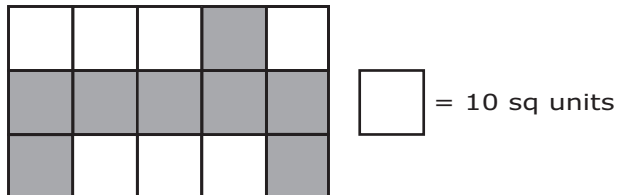
_____ mm

- 19** Which shape below is a hexagon?



- 20** Write three hundreds five tens one ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write five thousand nine hundred thirty-five as a number.

- 23** Write the correct letter in the blank.

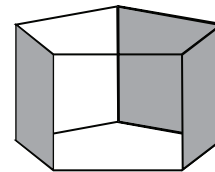
May						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Memorial Day

What day of the week is the third day after Memorial Day?

- A Sunday
B Monday
C Thursday

- 24** What is the fraction of the shaded faces on this solid?

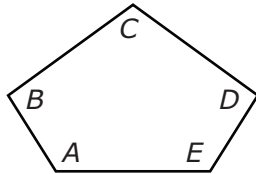


- 25** There are 16 horses in a stable. How many legs are there in the stable?

- 26** The height of a building is 316 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle C$ larger or smaller than a right angle?



- 28** A math book contains 332 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$3.99. Estimate to the nearest whole number the cost of 11 DVDs.

\$ _____

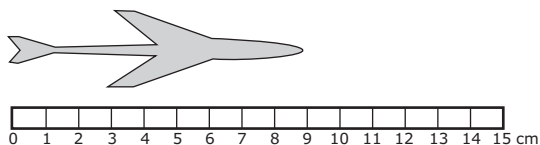
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 7 Answer Key

Item No.	Answer	Correct	Incorrect
1.	13	1	0
2.	$\frac{12}{43}, \frac{23}{53}$	1	0
3.	42, 46	1	0
4.	$\frac{7}{10}$	1	0
5.	4.15	1	0
6.	8, 4, 7	1	0
7.	5, 5	3	0
8.	72, 8	1	0
9.	83	1	0
10.	6, 7	1	0
11.	95	1	0
12.	A	3	0
13.	1, 45	3	0
14.	penny	1	0
15.	7,433; 1,912	1	0
16.	5	1	0
17.	130	2	0
18.	40	1	0
19.	C	2	0
20.	351	1	0
21.	80	3	0
22.	5,935	1	0
23.	C	1	0
24.	$\frac{3}{7}$	2	0
25.	64	2	0
26.	320	2	0
27.	larger	3	0
28.	300	2	0
29.	44	2	0

Total

- 1 How long is the toy airplane?



_____ cm

- 2 Write the fraction when:

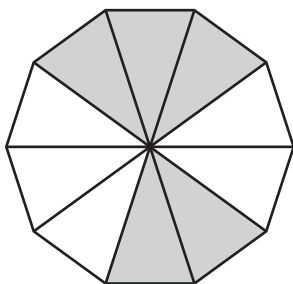
59 is the numerator and 88 is the denominator.

68 is the numerator and 99 is the denominator.

- 3 Complete the sequence.

15, 21, 27, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

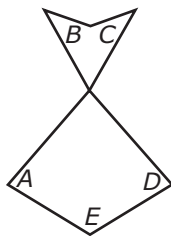


\$ _____

- 6 Write the correct number in each blank.

859 = ____ hundreds ____ tens ____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8

Use the table to answer the questions.

Name	Number of Marbles
Brian	42
Eric	58
Layla	50
Liam	63
Marian	34

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9

Carlos weighs 105 pounds (lb) and his father weighs 189 lb. How much less is Carlos' weight than his father's weight?

_____ lb

10

Write the answer in each blank.

Look at this number

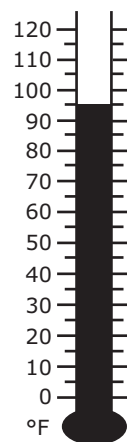
3,459

Which digit is in the hundreds place? _____

Which digit is in the ones place? _____

11

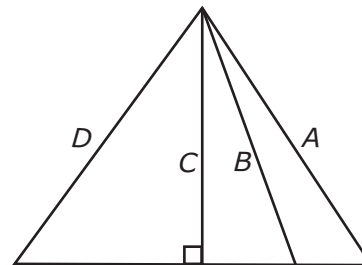
What is the temperature?



_____ °F

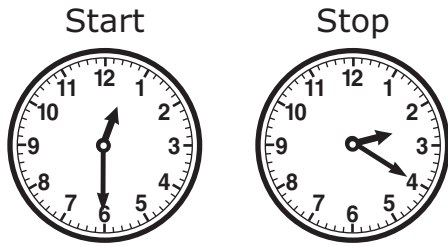
12

Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Jessica has 49 pennies, 60 dimes, and 56 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

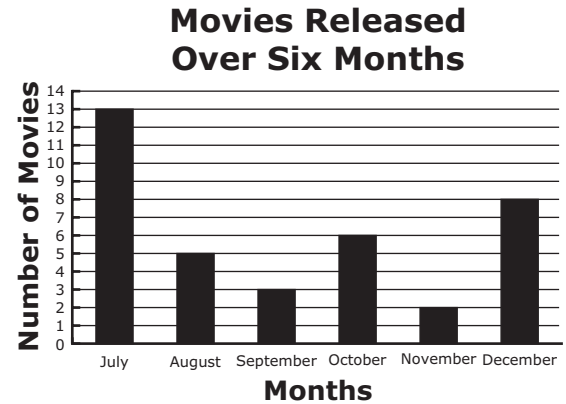
Of these numbers

8,261 3,134 5,464 5,542

_____ is the largest

_____ is the smallest

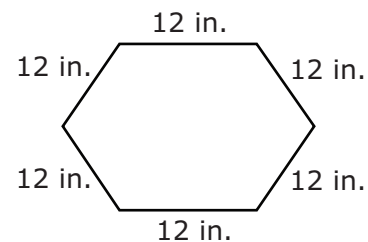
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

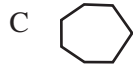
- 17** Josie has to read three chapters from a book. The chapters contain 49, 42, and 51 pages. Josie has already read 34 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



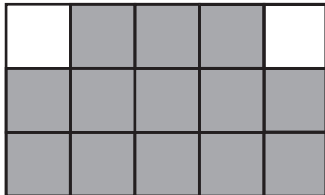
_____ in.

- 19** Which shape below is a hexagon?



- 20** Write eight hundreds two tens seven ones as a number.

- 21** What is the area of the shaded region?



= 10 sq units

_____ sq units

- 22** Write six thousand four hundred ninety-one as a number.

- 23** Write the correct letter in the blank.

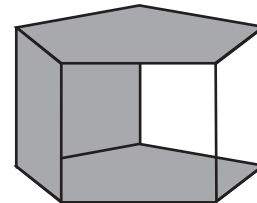
July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Summer Vacation Starts

What day of the week is the first day after summer vacation starts?

- A Thursday
B Saturday
C Friday

- 24** What is the fraction of the shaded faces on this solid?

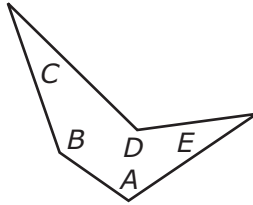


- 25** There are 10 horses in a stable. How many legs are there in the stable?

- 26** The height of a building is 286 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle E$ larger or smaller than a right angle?



- 28** A math book contains 293 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$4.98. Estimate to the nearest whole number the cost of 8 DVDs.

\$_____

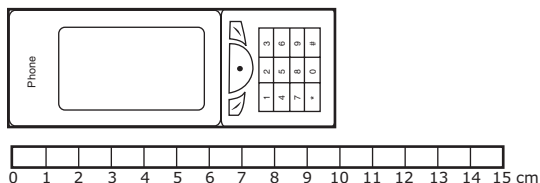
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 8 Answer Key

Item No.	Answer	Correct	Incorrect
1.	9	1	0
2.	$\frac{59}{88}, \frac{68}{99}$	1	0
3.	33, 39	1	0
4.	$\frac{5}{10}$ or $\frac{1}{2}$	1	0
5.	3.55	1	0
6.	8, 5, 9	1	0
7.	1, 4	3	0
8.	58, 8	1	0
9.	84	1	0
10.	4, 9	1	0
11.	95	1	0
12.	C	3	0
13.	1, 50	3	0
14.	dime	1	0
15.	8,261; 3,134	1	0
16.	2	1	0
17.	108	2	0
18.	72	1	0
19.	A	2	0
20.	827	1	0
21.	130	3	0
22.	6,491	1	0
23.	B	1	0
24.	$\frac{4}{7}$	2	0
25.	40	2	0
26.	290	2	0
27.	smaller	3	0
28.	300	2	0
29.	40	2	0

Total

- 1** How long is the cellphone?



_____ cm

- 2** Write the fraction when:

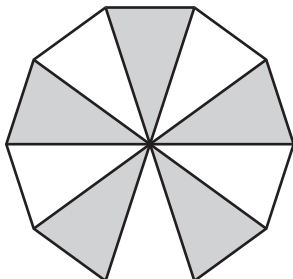
18 is the numerator and 65 is the denominator.

32 is the numerator and 75 is the denominator.

- 3** Complete the sequence.

30, 38, 46, _____, _____

- 4** Write the fraction for the shaded part.



- 5** How much money is pictured below?

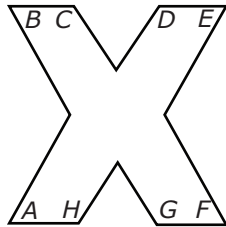


\$ _____

- 6** Write the correct number in each blank.

596 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	58
Eric	74
Layla	66
Liam	79
Marian	49

How many marbles does Eric have?

How many more marbles does Layla have than Brian?_____

9 Kevin weighs 125 pounds (lb) and his father weighs 220 lb. How much less is Kevin’s weight than his father’s weight?

_____lb

10 Write the answer in each blank.

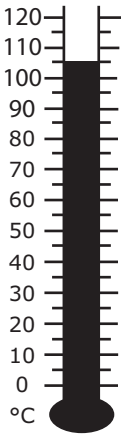
Look at this number

2,657

Which digit is in the hundreds place? _____

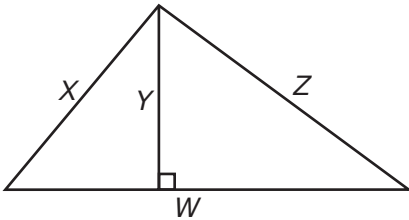
Which digit is in the ones place? _____

11 What is the temperature?



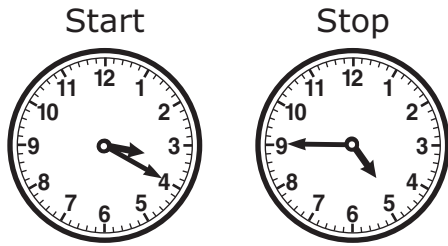
_____°C

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Kayla has 85 pennies, 79 dimes, and 90 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

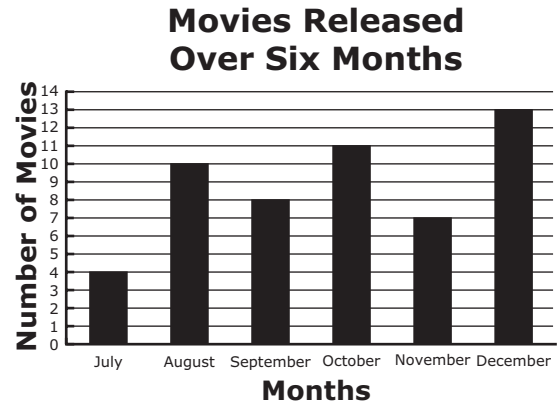
Of these numbers

3,841 5,286 4,692 7,166

_____ is the largest

_____ is the smallest

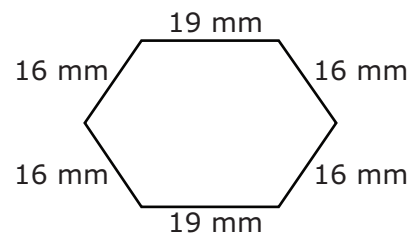
- 16** Use the graph to answer the questions.



How many movies were released in December? _____

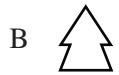
- 17** Sondra has to read three chapters from a book. The chapters contain 85, 76, and 80 pages. Sondra has already read 75 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



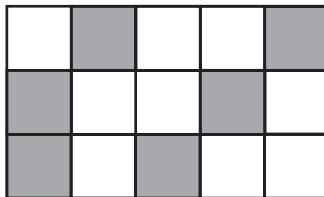
_____ mm

- 19** Which shape below is a quadrilateral?



- 20** Write three hundreds six tens seven ones as a number.

- 21** What is the area of the shaded region?



= 8 sq units

_____ sq units

- 22** Write six thousand two hundred ninety-one as a number.

- 23** Write the correct letter in the blank.

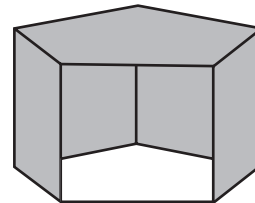
November						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Thanksgiving

What day of the week is the first day after Thanksgiving?

- A Thursday
B Wednesday
C Friday

- 24** What is the fraction of the shaded faces on this solid?

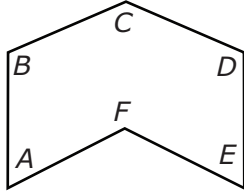


- 25** There are 25 horses in a stable. How many legs are there in the stable?

- 26** The height of a building is 368 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle E$ larger or smaller than a right angle?



- 28** A math book contains 405 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$5.95. Estimate to the nearest whole number the cost of 15 DVDs.

\$_____

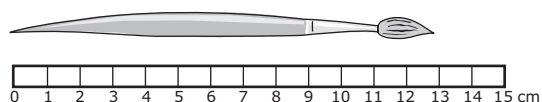
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 9 Answer Key

Item No.	Answer	Correct	Incorrect
1.	10	1	0
2.	$\frac{18}{65}, \frac{32}{75}$	1	0
3.	54, 62	1	0
4.	$\frac{5}{10}$ or $\frac{1}{2}$	1	0
5.	4.30	1	0
6.	5, 9, 6	1	0
7.	2, 4	3	0
8.	74, 8	1	0
9.	95	1	0
10.	6, 7	1	0
11.	105	1	0
12.	Y	3	0
13.	1, 25	3	0
14.	nickel	1	0
15.	7,166; 3,841	1	0
16.	13	1	0
17.	166	2	0
18.	102	1	0
19.	C	2	0
20.	367	1	0
21.	48	3	0
22.	6,291	1	0
23.	C	1	0
24.	$\frac{5}{7}$	2	0
25.	100	2	0
26.	370	2	0
27.	smaller	3	0
28.	400	2	0
29.	90	2	0

Total

- 1 How long is the paintbrush?



_____ cm

- 2 Write the fraction when:

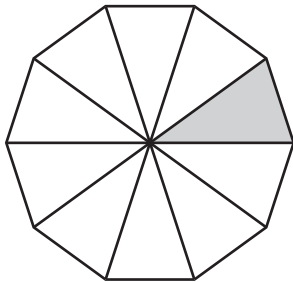
57 is the numerator and 87 is the denominator.

66 is the numerator and 97 is the denominator.

- 3 Complete the sequence.

15, 18, 21, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

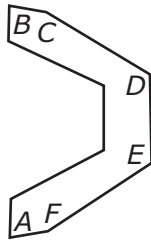


\$ _____

- 6 Write the correct number in each blank.

672 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	36
Eric	52
Layla	44
Liam	57
Marian	28

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9 Kevin weighs 99 pounds (lb) and his father weighs 179 lb. How much less is Kevin’s weight than his father’s weight?

_____ lb

10 Write the answer in each blank.

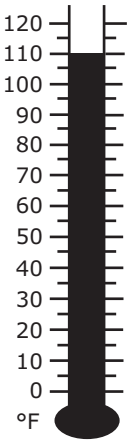
Look at this number

4,924

Which digit is in the hundreds place? _____

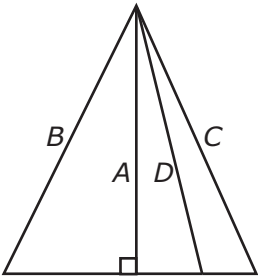
Which digit is in the ones place? _____

11 What is the temperature?



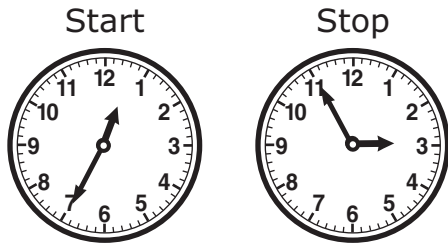
_____ °F

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Kayla has 44 pennies, 58 dimes, and 41 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

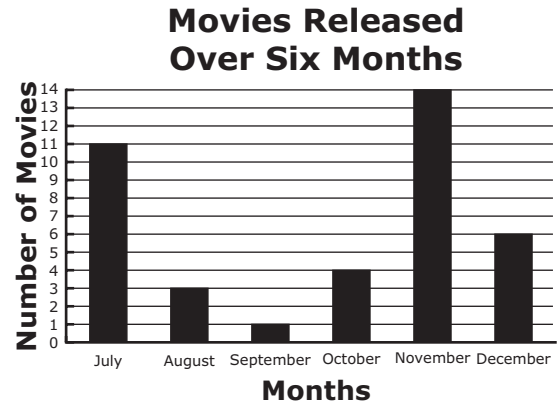
Of these numbers

9,634 6,544 8,251 9,771

_____ is the largest

_____ is the smallest

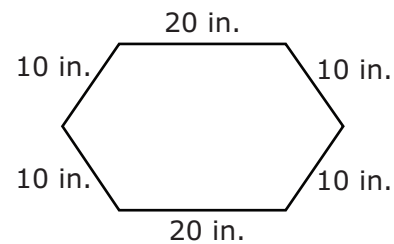
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

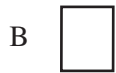
- 17** Layla has to read three chapters from a book. The chapters contain 39, 42, and 37 pages. Layla has already read 32 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



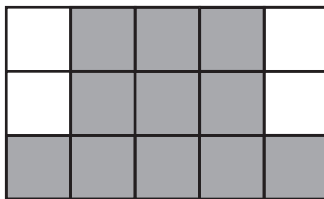
_____ in.

- 19** Which shape below is a triangle?



- 20** Write three hundreds eight tens two ones as a number.

- 21** What is the area of the shaded region?



= 10 sq units

_____ sq units

- 22** Write two thousand five hundred seventy-five as a number.

- 23** Write the correct letter in the blank.

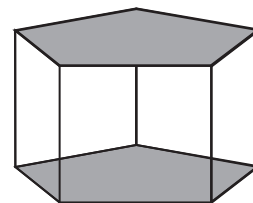
April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Spring Parade

What day of the week is the third day after the spring parade?

- A Monday
B Sunday
C Tuesday

- 24** What is the fraction of the shaded faces on this solid?

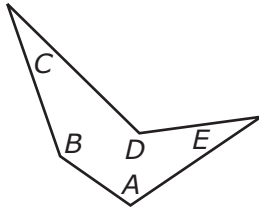


- 25** There are 6 horses in a stable. How many legs are there in the stable?

- 26** The height of a building is 268 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle C$ larger or smaller than a right angle?



- 28** A math book contains 404 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$6.99. Estimate to the nearest whole number the cost of 8 DVDs.

\$_____

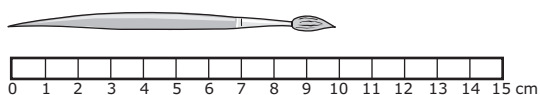
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 10 Answer Key

Item No.	Answer	Correct	Incorrect
1.	13	1	0
2.	$\frac{57}{87}, \frac{66}{97}$	1	0
3.	24, 27	1	0
4.	$\frac{1}{10}$	1	0
5.	4.05	1	0
6.	6, 7, 2	1	0
7.	1, 2	3	0
8.	52, 8	1	0
9.	80	1	0
10.	9, 4	1	0
11.	110	1	0
12.	A	3	0
13.	2, 20	3	0
14.	dime	1	0
15.	9,771; 6,544	1	0
16.	14	1	0
17.	86	2	0
18.	80	1	0
19.	C	2	0
20.	382	1	0
21.	110	3	0
22.	2,575	1	0
23.	C	1	0
24.	$\frac{2}{7}$	2	0
25.	24	2	0
26.	270	2	0
27.	smaller	3	0
28.	400	2	0
29.	56	2	0

Total

- 1** How long is the paintbrush?



_____ cm

- 2** Write the fraction when:

53 is the numerator and 82 is the denominator.



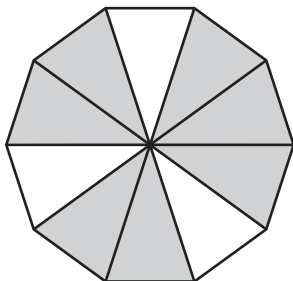
62 is the numerator and 93 is the denominator.



- 3** Complete the sequence.

9, 18, 27, _____, _____

- 4** Write the fraction for the shaded part.



- 5** How much money is pictured below?

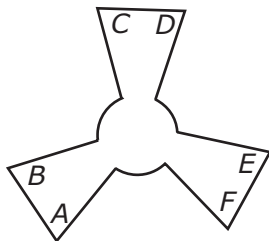


\$ _____

- 6** Write the correct number in each blank.

407 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8

Use the table to answer the questions.

Name	Number of Marbles
Brian	80
Eric	88
Layla	95
Liam	77
Marian	82

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9

Shawn weighs 85 pounds (lb) and his father weighs 165 lb. How much less is Shawn's weight than his father's weight?

_____ lb

10

Write the answer in each blank.

Look at this number

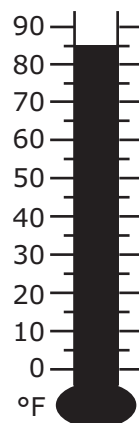
3,592

Which digit is in the hundreds place? _____

Which digit is in the ones place? _____

11

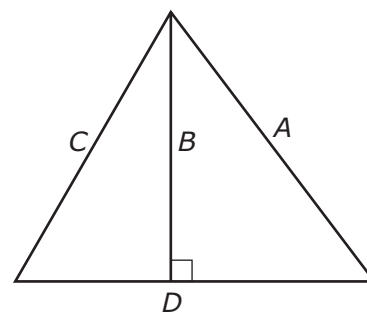
What is the temperature?



_____ °F

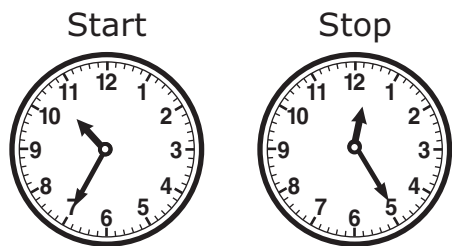
12

Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Cecilia has 29 pennies, 46 dimes, and 35 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

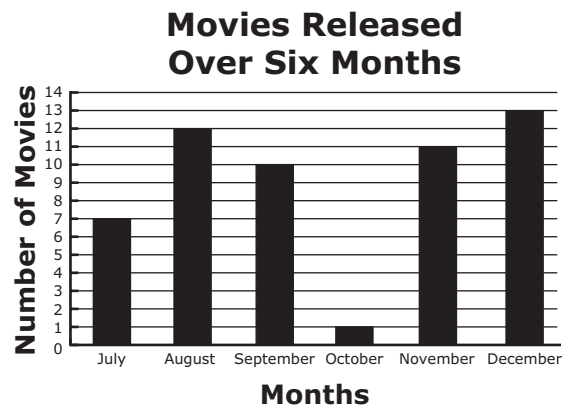
Of these numbers

4,411 4,427 4,323 4,347

_____ is the largest

_____ is the smallest

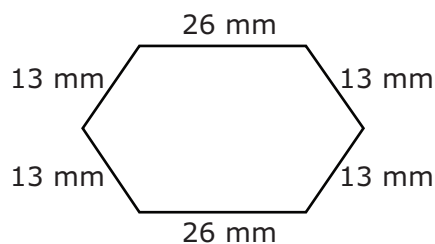
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

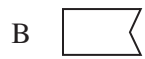
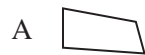
- 17** Juan has to read three chapters from a book. The chapters contain 26, 27, and 15 pages. Juan has already read 16 pages. How many more pages does he need to read?

- 18** What is the perimeter of this shape?



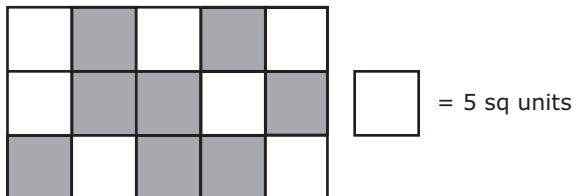
_____ mm

- 19** Which shape below is a quadrilateral?



- 20** Write six hundreds four tens six ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write four thousand one hundred twenty-three as a number.

- 23** Write the correct letter in the blank.

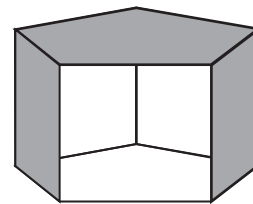
April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

English Quiz

What day of the week is the first day after the English quiz?

- A Friday
B Saturday
C Sunday

- 24** What is the fraction of the shaded faces on this solid?

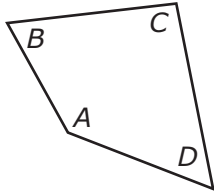


- 25** There are 38 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 227 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle C$ larger or smaller than a right angle?



- 28** A math book contains 520 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$6.95. Estimate to the nearest whole number the cost of 4 DVDs.

\$_____

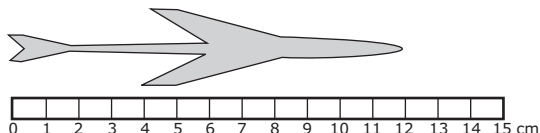
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 11 Answer Key

Item No.	Answer	Correct	Incorrect
1.	10	1	0
2.	$\frac{53}{82}, \frac{62}{93}$	1	0
3.	36, 45	1	0
4.	$\frac{7}{10}$	1	0
5.	3.60	1	0
6.	4, 0, 7	1	0
7.	3, 6	3	0
8.	88, 15	1	0
9.	80	1	0
10.	5, 2	1	0
11.	85	1	0
12.	B	3	0
13.	1, 50	3	0
14.	dime	1	0
15.	4,427; 4,323	1	0
16.	11	1	0
17.	52	2	0
18.	104	1	0
19.	A	2	0
20.	646	1	0
21.	40	3	0
22.	4,123	1	0
23.	B	1	0
24.	$\frac{3}{7}$	2	0
25.	76	2	0
26.	230	2	0
27.	larger	3	0
28.	500	2	0
29.	28	2	0

Total

- 1 How long is the toy airplane?



_____ cm

- 2 Write the fraction when:

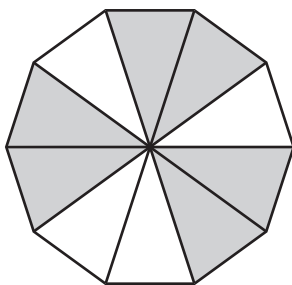
11 is the numerator and 41 is the denominator.

22 is the numerator and 51 is the denominator.

- 3 Complete the sequence.

30, 33, 36, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

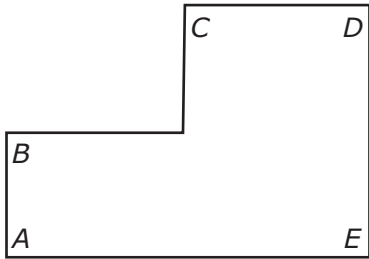


\$ _____

- 6 Write the correct number in each blank.

537 = ____ hundreds ____ tens ____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	51
Eric	67
Layla	59
Liam	72
Marian	43

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9 Gilbert weighs 112 pounds (lb) and his father weighs 196 lb. How much less is Gilbert’s weight than his father’s weight?

_____ lb

10 Write the answer in each blank.

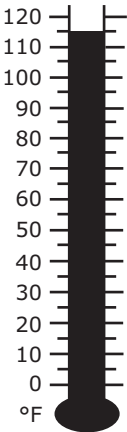
Look at this number

3,269

Which digit is in the hundreds place? _____

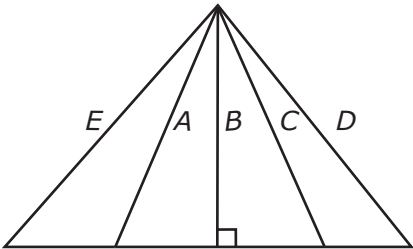
Which digit is in the ones place? _____

11 What is the temperature?



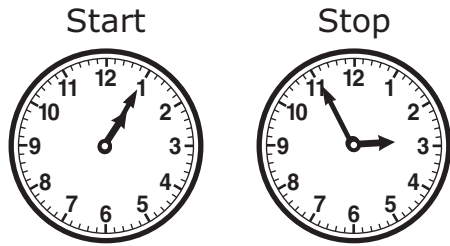
_____ °F

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Pamela has 63 pennies, 55 dimes, and 59 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

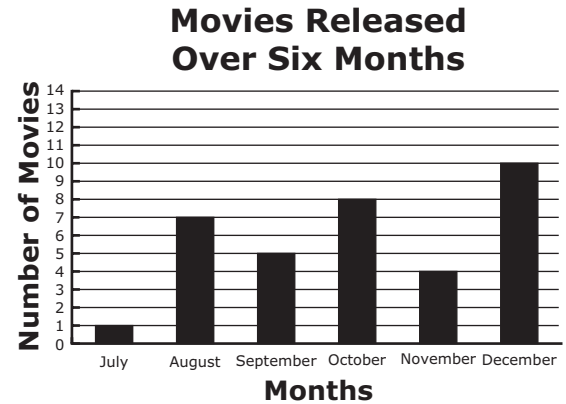
Of these numbers

4,752 4,285 2,933 8,423

_____ is the largest

_____ is the smallest

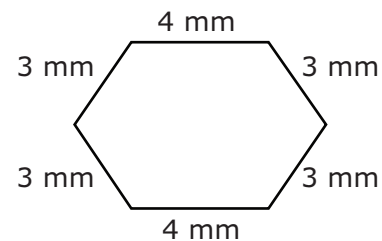
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

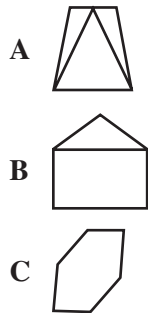
- 17** Brooke has to read three chapters from a book. The chapters contain 60, 61, and 64 pages. Brooke has already read 50 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



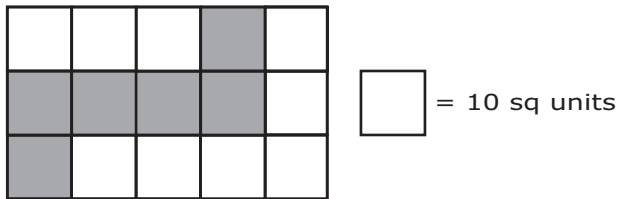
_____ mm

- 19** Which shape below is a hexagon?



- 20** Write four hundreds nine tens five ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write five thousand four hundred twenty-seven as a number.

- 23** Write the correct letter in the blank.

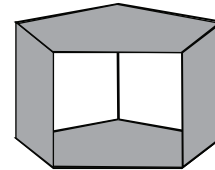
July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	(4)
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Independence Day

What day of the week is the first day after Independence Day?

- A Friday
B Sunday
C Saturday

- 24** What is the fraction of the shaded faces on this solid?

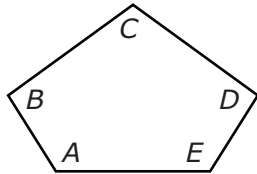


- 25** There are 14 horses in a stable. How many legs are there in the stable?

- 26** The height of a building is 306 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle B$ larger or smaller than a right angle?



- 28** A math book contains 322 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$4.99. Estimate to the nearest whole number the cost of 10 DVDs.

\$_____

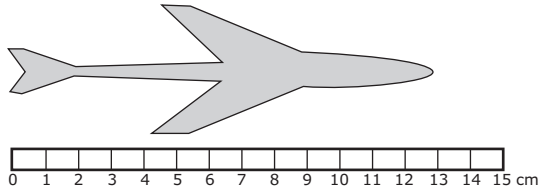
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 12 Answer Key

Item No.	Answer	Correct	Incorrect
1.	12	1	0
2.	$\frac{11}{41}, \frac{22}{51}$	1	0
3.	39, 42	1	0
4.	$\frac{6}{10}$ or $\frac{3}{5}$	1	0
5.	3.55	1	0
6.	5, 3, 7	1	0
7.	0, 0	3	0
8.	67, 8	1	0
9.	84	1	0
10.	2, 9	1	0
11.	115	1	0
12.	B	3	0
13.	1, 50	3	0
14.	penny	1	0
15.	8,423; 2,933	1	0
16.	4	1	0
17.	135	2	0
18.	20	1	0
19.	C	2	0
20.	495	1	0
21.	60	3	0
22.	5,427	1	0
23.	B	1	0
24.	$\frac{4}{7}$	2	0
25.	56	2	0
26.	310	2	0
27.	larger	3	0
28.	300	2	0
29.	50	2	0

Total

- 1** How long is the toy airplane?



_____ cm

- 2** Write the fraction when:

13 is the numerator and 44 is the denominator.



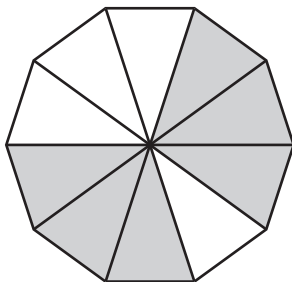
24 is the numerator and 55 is the denominator.



- 3** Complete the sequence.

30, 35, 40, _____, _____

- 4** Write the fraction for the shaded part.



- 5** How much money is pictured below?

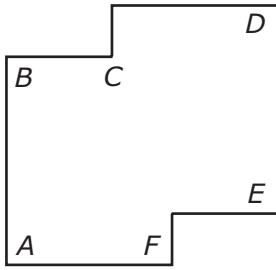


\$ _____

- 6** Write the correct number in each blank.

652 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8

Use the table to answer the questions.

Name	Number of Marbles
Brian	45
Eric	61
Layla	53
Liam	66
Marian	36

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9

Isaac weighs 118 pounds (lb) and his father weighs 200 lb. How much less is Isaac's weight than his father's weight?

_____ lb

10

Write the answer in each blank.

Look at this number

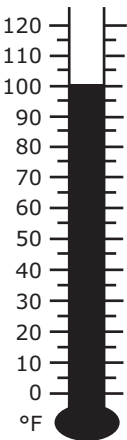
9,245

Which digit is in the hundreds place? _____

Which digit is in the ones place? _____

11

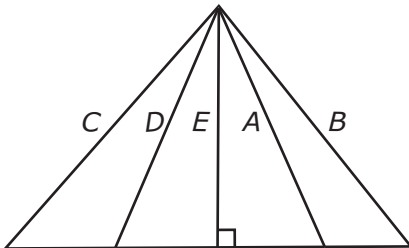
What is the temperature?



_____°F

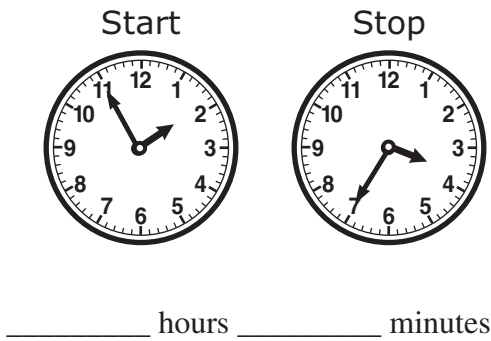
12

Write the correct letter in the blank.



Height of the triangle = _____

13 How long does the train run?



14 Hillary has 62 pennies, 58 dimes, and 65 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

15 Write the answer in each blank.

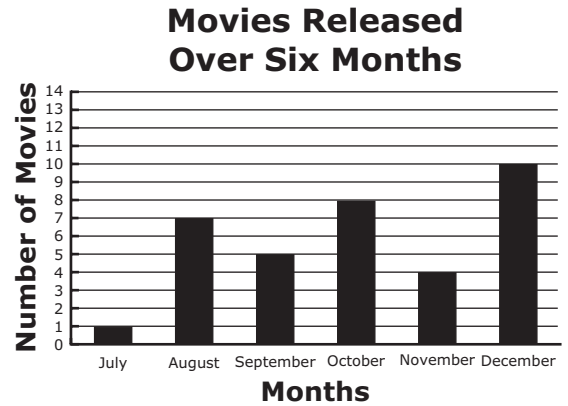
Of these numbers

3,178 5,340 3,467 6,167

_____ is the largest

_____ is the smallest

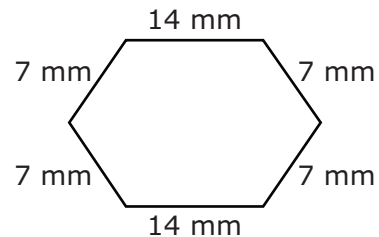
16 Use the graph to answer the questions.



How many movies were released in November? _____

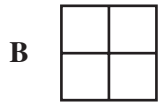
17 Rachel has to read three chapters from a book. The chapters contain 66, 68, and 64 pages. Rachel has already read 62 pages. How many more pages does she need to read?

18 What is the perimeter of this shape?



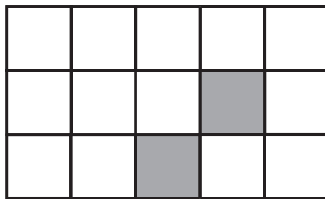
_____ mm

- 19** Which shape below is a hexagon?



- 20** Write eight hundreds seven tens nine ones as a number.

- 21** What is the area of the shaded region?



= 8 sq units

_____ sq units

- 22** Write five thousand two hundred fifty-three as a number.

- 23** Write the correct letter in the blank.

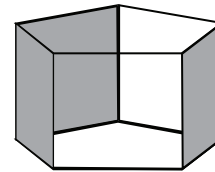
April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
(12)	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Last Day of Spring Break

What day of the week is the first day after spring break ends?

- A Monday
B Wednesday
C Tuesday

- 24** What is the fraction of the shaded faces on this solid?

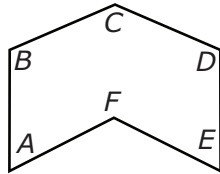


- 25** There are 18 horses in a stable. How many legs are there in the stable?

- 26** The height of a building is 327 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle A$ larger or smaller than a right angle?



- 28** A math book contains 610 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$5.98. Estimate to the nearest whole number the cost of 12 DVDs.

\$_____

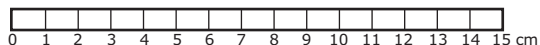
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 13 Answer Key

Item No.	Answer	Correct	Incorrect
1.	13	1	0
2.	$\frac{13}{44}$, $\frac{24}{55}$	1	0
3.	45, 50	1	0
4.	$\frac{6}{10}$ or $\frac{3}{5}$	1	0
5.	4.30	1	0
6.	6, 5, 2	1	0
7.	0, 0	3	0
8.	61, 8	1	0
9.	82	1	0
10.	2, 5	1	0
11.	100	1	0
12.	E	3	0
13.	1, 40	3	0
14.	nickel	1	0
15.	6,167; 3,178	1	0
16.	4	1	0
17.	136	2	0
18.	56	1	0
19.	A	2	0
20.	879	1	0
21.	16	3	0
22.	5,253	1	0
23.	A	1	0
24.	$\frac{3}{7}$	2	0
25.	72	2	0
26.	330	2	0
27.	smaller	3	0
28.	600	2	0
29.	72	2	0

Total

- 1** How long is the paintbrush?



_____ cm

- 2** Write the fraction when:

52 is the numerator and 81 is the denominator.



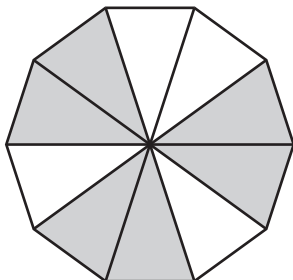
61 is the numerator and 92 is the denominator.



- 3** Complete the sequence.

9, 17, 25, _____, _____

- 4** Write the fraction for the shaded part.



- 5** How much money is pictured below?

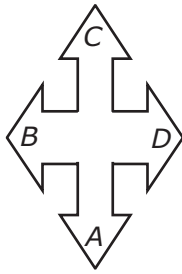


\$ _____

- 6** Write the correct number in each blank.

319 = ____ hundreds ____ tens ____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	78
Eric	86
Layla	93
Liam	75
Marian	80

How many marbles does Eric have?

How many more marbles does Brian have than Liam? _____

9 Jaime weighs 80 pounds (lb) and his father weighs 155 lb. How much less is Jaime’s weight than his father’s weight?

_____ lb

10 Write the answer in each blank.

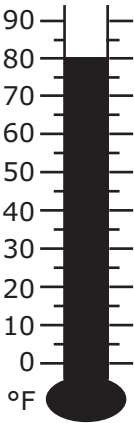
Look at this number

1,759

Which digit is in the hundreds place? _____

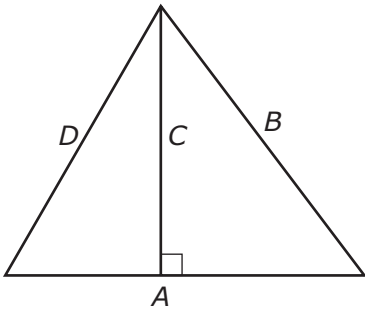
Which digit is in the ones place? _____

11 What is the temperature?



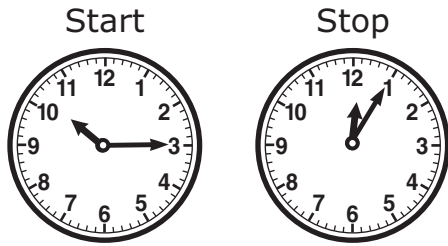
_____ °F

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Kayla has 28 pennies, 20 dimes, and 33 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

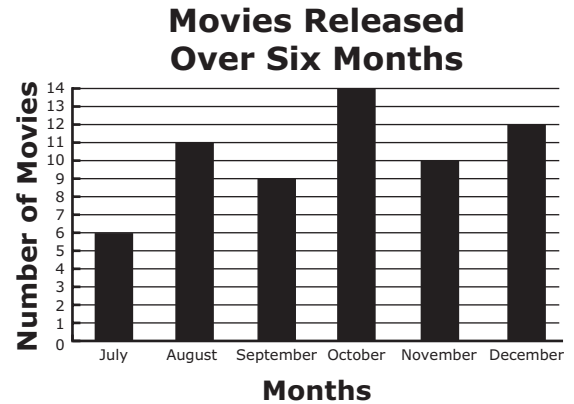
Of these numbers

4,122 4,453 4,316 4,799

_____ is the largest

_____ is the smallest

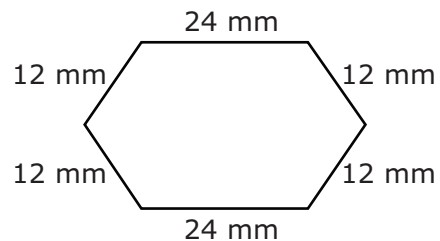
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

- 17** Donna has to read three chapters from a book. The chapters contain 24, 23, and 19 pages. Donna has already read 14 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



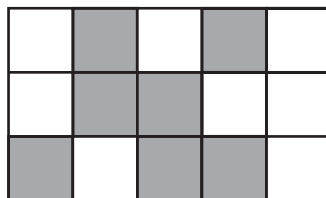
_____ mm

- 19** Which shape below is a pentagon?



- 20** Write six hundreds three tens seven ones as a number.

- 21** What is the area of the shaded region?



= 5 sq units

_____ sq units

- 22** Write seven thousand nine hundred ninety-six as a number.

- 23** Write the correct letter in the blank.

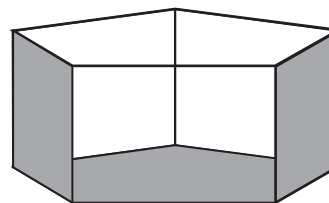
April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Math Quiz

What day of the week is the third day after the math quiz?

- A Saturday
B Sunday
C Friday

- 24** What is the fraction of the shaded faces on this solid?

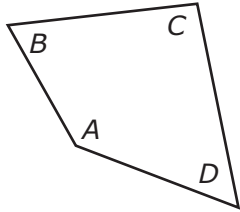


- 25** There are 37 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 222 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle D$ larger or smaller than a right angle?



- 28** A math book contains 294 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$6.90. Estimate to the nearest whole number the cost of 3 DVDs.

\$_____

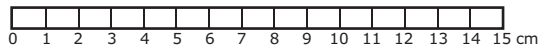
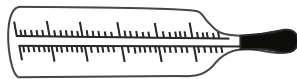
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 14 Answer Key

Item No.	Answer	Correct	Incorrect
1.	9	1	0
2.	$\frac{52}{81}, \frac{61}{92}$	1	0
3.	33, 41	1	0
4.	$\frac{6}{10}$ or $\frac{3}{5}$	1	0
5.	3.45	1	0
6.	3, 1, 9	1	0
7.	2, 2	3	0
8.	86, 3	1	0
9.	75	1	0
10.	7, 9	1	0
11.	80	1	0
12.	C	3	0
13.	1, 50	3	0
14.	nickel	1	0
15.	4,799; 4,122	1	0
16.	10	1	0
17.	52	2	0
18.	96	1	0
19.	A	2	0
20.	637	1	0
21.	35	3	0
22.	7,996	1	0
23.	C	1	0
24.	$\frac{3}{7}$	2	0
25.	74	2	0
26.	220	2	0
27.	smaller	3	0
28.	300	2	0
29.	21	2	0

Total

- 1 How long is the thermometer?



_____ cm

- 2 Write the fraction when:

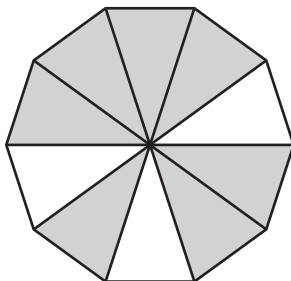
33 is the numerator and 61 is the denominator.

43 is the numerator and 74 is the denominator.

- 3 Complete the sequence.

6, 12, 18, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

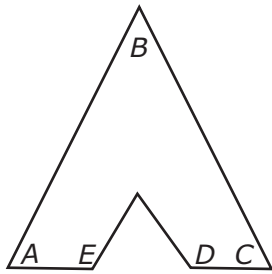


\$ _____

- 6 Write the correct number in each blank.

125 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	57
Eric	64
Layla	70
Liam	51
Marian	59

How many marbles does Eric have?

How many more marbles does Layla have than Brian?_____

9 Kevin weighs 60 kilograms (kg) and his father weighs 82 kg. How much less is Kevin’s weight than his father’s weight?

_____ kg

10 Write the answer in each blank.

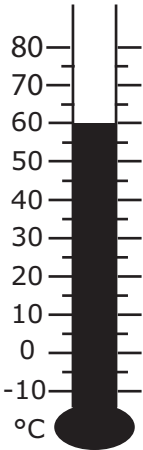
Look at this number

3,549

Which digit is in the hundreds place? _____

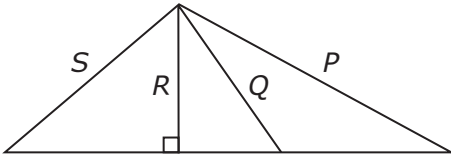
Which digit is in the ones place? _____

11 What is the temperature?



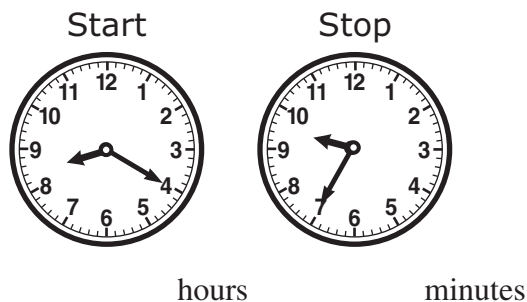
_____ °C

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



- 14** Kayla has 19 quarters, 17 dimes, and 18 nickels in her pocket. If she pulls out one coin without looking, what type of coin is she most likely to pull out?
- _____

- 15** Write the answer in each blank.

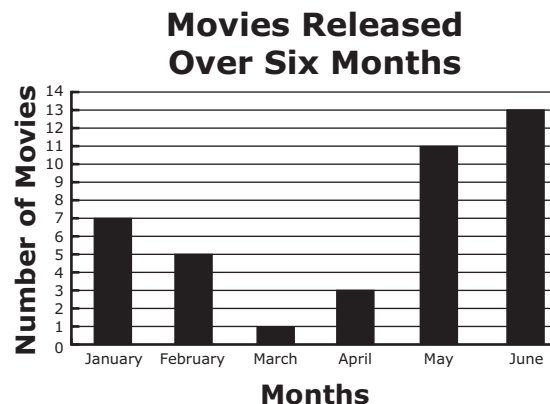
Of these numbers

2,045 2,504 2,450 2,054

_____ is the largest

_____ is the smallest

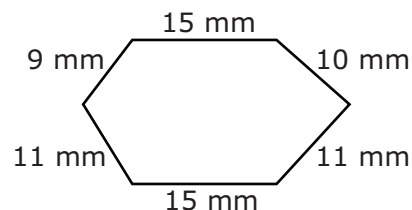
- 16** Use the graph to answer the question.



How many movies were released in January?

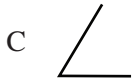
- 17** Lily has to solve problems on three math assignments. The assignments contain 50, 52, and 51 math problems. Lily has already solved 45 math problems. How many more math problems does she need to solve?
- _____

- 18** What is the perimeter of this shape?



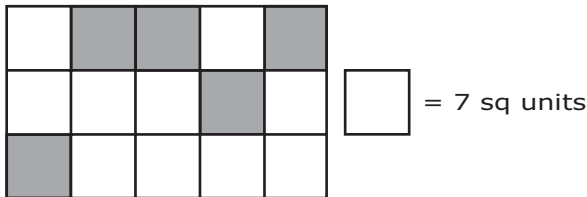
_____ mm

19 Which shape below is a triangle?



20 Write nine hundreds three tens four ones as a number.

21 What is the area of the shaded region?



_____ sq units

22 Write seven thousand one hundred twenty-one as a number.

23 Write the correct letter in the blank.

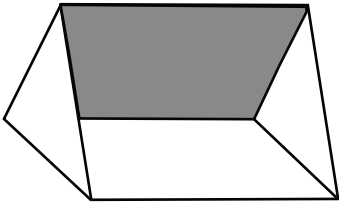
February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

First Day of Science Fair

What day of the week is the second day after the science fair starts?

- A Monday
B Sunday
C Saturday

24 What is the fraction of the shaded faces on this solid?

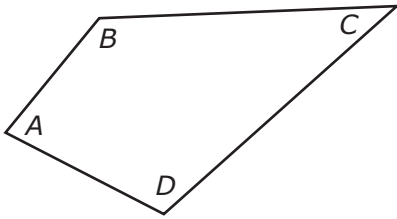


25 There are 29 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 173 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle B$ larger or smaller than a right angle?



- 28** A math book contains 151 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$4.98. Estimate to the nearest whole number the cost of 13 DVDs.

\$ _____

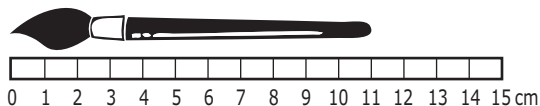
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 15 Answer Key

Item No.	Answer	Correct	Incorrect
1.	9	1	0
2.	$\frac{33}{61}, \frac{43}{74}$	1	0
3.	24, 30	1	0
4.	$\frac{7}{10}$	1	0
5.	2.75	1	0
6.	1, 2, 5	1	0
7.	1, 3	3	0
8.	64, 13	1	0
9.	22	1	0
10.	5, 9	1	0
11.	60	1	0
12.	R	3	0
13.	1, 15	3	0
14.	quarter	1	0
15.	2,504; 2,045	1	0
16.	7	1	0
17.	108	2	0
18.	71	1	0
19.	A	2	0
20.	934	1	0
21.	35	3	0
22.	7,121	1	0
23.	B	1	0
24.	$\frac{1}{5}$	2	0
25.	58	2	0
26.	170	2	0
27.	larger	3	0
28.	200	2	0
29.	65	2	0

Total

- 1 How long is the paintbrush?



_____ cm

- 2 Write the fraction when:

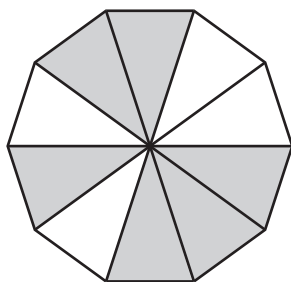
9 is the numerator and 14 is the denominator.

1 is the numerator and 11 is the denominator.

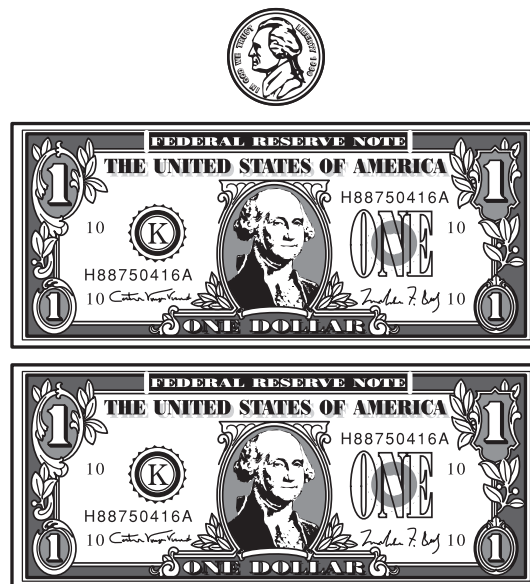
- 3 Complete the sequence.

12, 16, 20, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

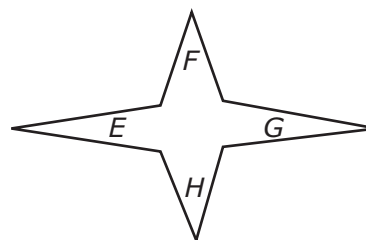


\$ _____

- 6 Write the correct number in each blank.

468 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

- 8** Use the table to answer the questions.

Name	Number of Marbles
Charlie	17
Carl	12
Eva	19
James	24
Keith	27

How many marbles does Charlie have?

How many more marbles does Eva have than Carl? _____

- 9** John weighs 57 kilograms (kg) and his father weighs 94 kg. How much less is John's weight than his father's weight?

_____ kg

- 10** Write the answer in each blank.

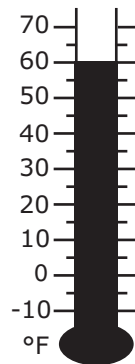
Look at this number

8,519

Which digit is in the hundreds place? _____

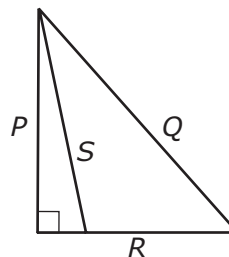
Which digit is in the ones place? _____

- 11** What is the temperature?



_____ °F

- 12** Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?

Start



Stop



_____ hours _____ minutes

- 14** David has 17 quarters, 14 dimes, and 11 pennies in his pocket. If he pulls out one coin without looking, what type of coin is he most likely to pull out?

- 15** Write the answer in each blank.

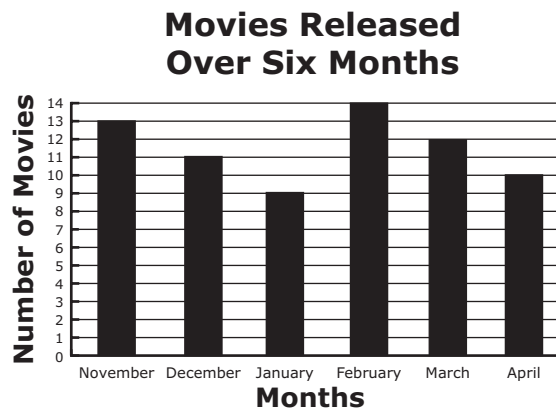
Of these numbers

7,667 6,767 6,677 7,676

_____ is the largest

_____ is the smallest

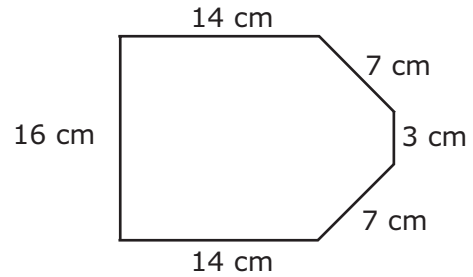
- 16** Use the graph to answer the questions.



How many movies were released in January?

- 17** Audrey has to solve problems on three math assignments. The assignments contain 30, 36, and 37 math problems. Audrey has already solved 27 math problems. How many more math problems does she need to solve?

- 18** What is the perimeter of this shape?



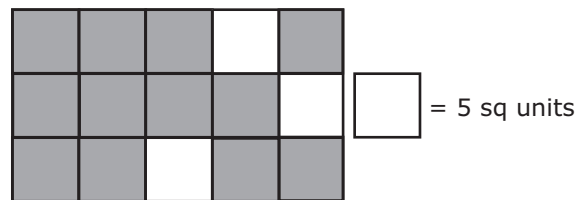
_____ cm

- 19** Which shape below has a right angle?



- 20** Write nine hundreds two tens eight ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write seven thousand seven hundred thirty-nine as a number.

- 23** Write the correct letter in the blank.

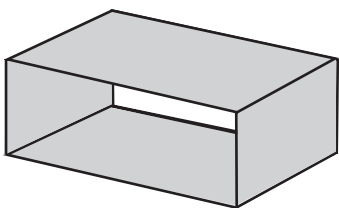
March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Keith's birthday

What day of the week is the first day after Keith's birthday?

- A Thursday
B Tuesday
C Friday

- 24** What is the fraction of the shaded faces on this solid?

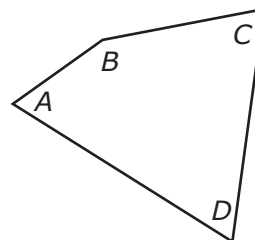


- 25** There are 14 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 149 meters (m). Round the height of the building to the nearest tens place.

_____ m

- 27** Is $\angle D$ larger or smaller than a right angle?



- 28** A math book contains 177 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single CD is \$1.98. Estimate to the nearest whole number the cost of 17 CDs.

\$ _____

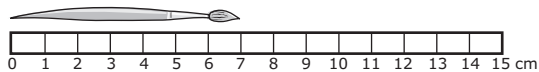
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 16 Answer Key

Item No.	Answer	Correct	Incorrect
1.	11	1	0
2.	$\frac{9}{14}$, $\frac{1}{11}$	1	0
3.	24, 28	1	0
4.	$\frac{6}{10}$ or $\frac{3}{5}$	1	0
5.	2.05	1	0
6.	4, 6, 8	1	0
7.	2, 4	3	0
8.	17, 7	1	0
9.	37	1	0
10.	5, 9	1	0
11.	60	1	0
12.	P	3	0
13.	3, 20	3	0
14.	quarter	1	0
15.	7,676; 6,677	1	0
16.	9	1	0
17.	76	2	0
18.	61	1	0
19.	A	2	0
20.	928	1	0
21.	60	3	0
22.	7,739	1	0
23.	A	1	0
24.	$\frac{4}{6}$ or $\frac{2}{3}$	2	0
25.	28	2	0
26.	150	2	0
27.	smaller	3	0
28.	200	2	0
29.	34	2	0

Total

- 1 How long is the paintbrush?



_____ cm

- 2 Write the fraction when:

39 is the numerator and 70 is the denominator.



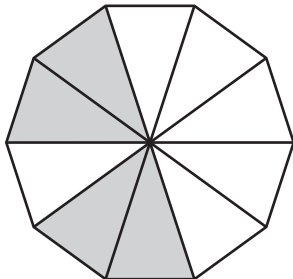
49 is the numerator and 80 is the denominator.



- 3 Complete the sequence.

9, 15, 21, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

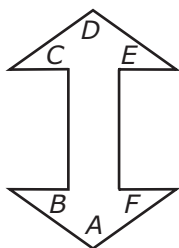


\$ _____

- 6 Write the correct number in each blank.

367 = ____ hundreds ____ tens ____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	73
Eric	81
Layla	88
Liam	70
Marian	75

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9 Kevin weighs 66 kilograms (kg) and his father weighs 76 kg. How much less is Kevin's weight than his father's weight?

_____ kg

10 Write the answer in each blank.

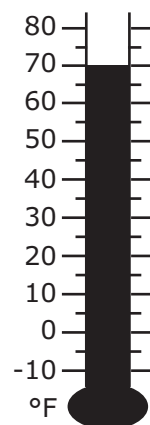
Look at this number

7,796

Which digit is in the hundreds place? _____

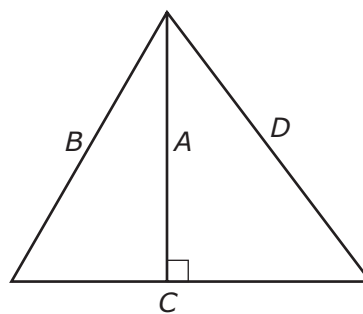
Which digit is in the ones place? _____

11 What is the temperature?



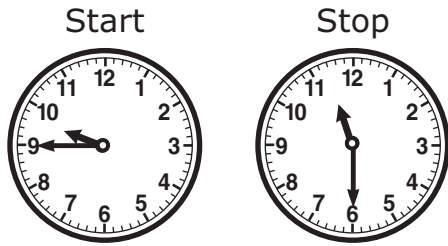
_____ °F

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Kayla has 25 pennies, 35 dimes, and 33 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

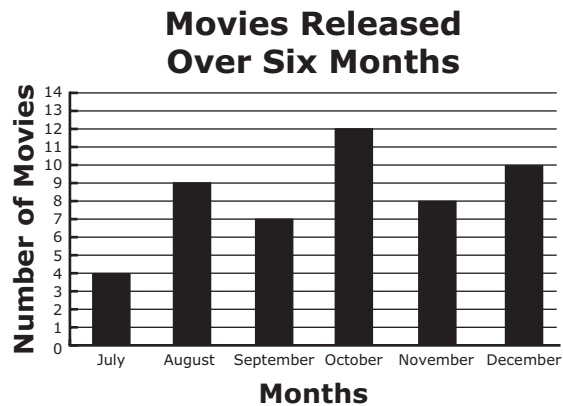
Of these numbers

1,812 3,273 2,727 4,388

_____ is the largest

_____ is the smallest

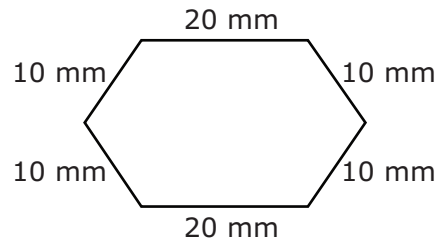
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

- 17** Sondra has to read three chapters from a book. The chapters contain 15, 17, and 16 pages. Sondra has already read 10 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



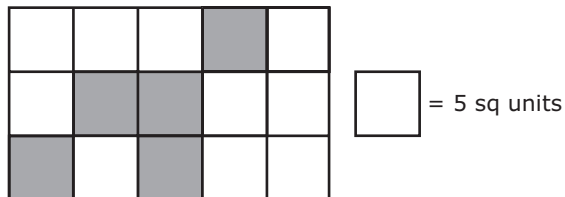
_____ mm

- 19** Which shape below is a triangle?



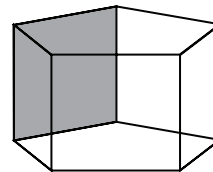
- 20** Write six hundreds one tens nine ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 24** What is the fraction of the shaded faces on this solid?



- 22** Write seven thousand seven hundred seventy-eight as a number.

- 25** There are 35 birds in a cage. How many feet are there in the cage?

- 23** Write the correct letter in the blank.

April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

April Fool's Day

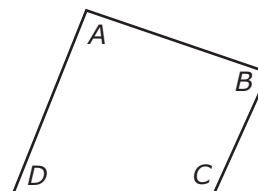
What day of the week is the third day after April Fool's Day?

- A Saturday
B Wednesday
C Thursday

- 26** The height of a building is 209 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle C$ larger or smaller than a right angle?



Student:

Teacher:

Date:

- 28** A math book contains 181 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$5.90. Estimate to the nearest whole number the cost of 8 DVDs.

\$_____

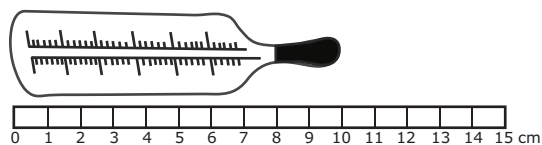
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 17 Answer Key

Item No.	Answer	Correct	Incorrect
1.	7	1	0
2.	$\frac{39}{70}, \frac{49}{80}$	1	0
3.	27, 33	1	0
4.	$\frac{4}{10}$ or $\frac{2}{5}$	1	0
5.	3.20	1	0
6.	3, 6, 7	1	0
7.	2, 4	3	0
8.	81, 15	1	0
9.	10	1	0
10.	7, 6	1	0
11.	70	1	0
12.	A	3	0
13.	1, 45	3	0
14.	dime	1	0
15.	4,388; 1,812	1	0
16.	8	1	0
17.	38	2	0
18.	80	1	0
19.	B	2	0
20.	619	1	0
21.	25	3	0
22.	7,778	1	0
23.	A	1	0
24.	$\frac{1}{7}$	2	0
25.	70	2	0
26.	210	2	0
27.	larger	3	0
28.	200	2	0
29.	48	2	0

Total

- 1** How long is the thermometer?



_____ cm

- 2** Write the fraction when:

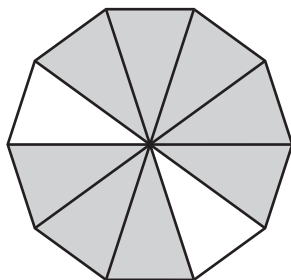
21 is the numerator and 43 is the denominator.

17 is the numerator and 45 is the denominator.

- 3** Complete the sequence.

2, 8, 14, _____, _____

- 4** Write the fraction for the shaded part.



- 5** How much money is pictured below?

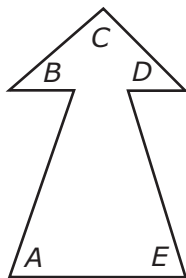


\$ _____

- 6** Write the correct number in each blank.

592 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8

Use the table to answer the questions.

Name	Number of Marbles
Andrew	35
Daniel	47
Joshua	41
Matthew	50
William	27

How many marbles does Daniel have?

How many more marbles does Matthew have than Andrew? _____

9

Logan weighs 51 kilograms (kg) and his father weighs 90 kg. How much less is Logan's weight than his father's weight?

_____ kg

10

Write the answer in each blank.

Look at this number

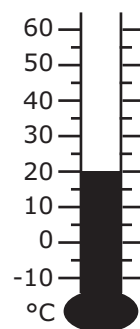
6,485

Which digit is in the hundreds place? _____

Which digit is in the ones place? _____

11

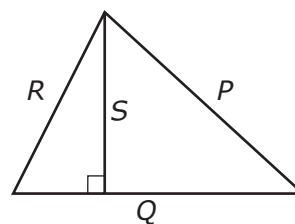
What is the temperature?



_____ °C

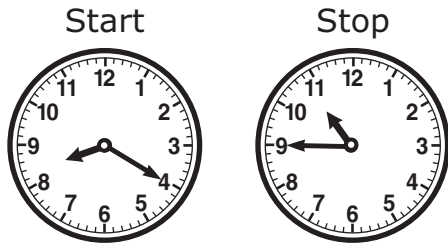
12

Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Olivia has 6 quarters, 7 dimes, and 4 nickels in her pocket. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

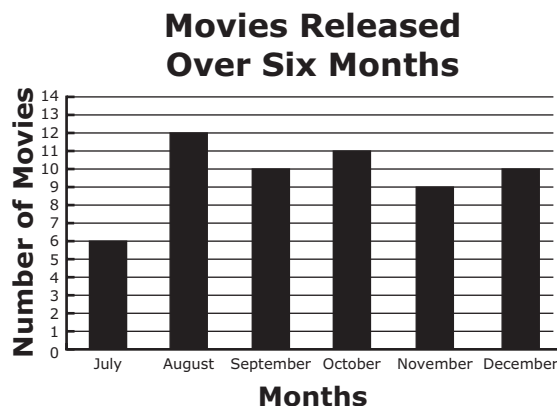
Of these numbers

3,635 3,537 3,386 3,489

_____ is the largest

_____ is the smallest

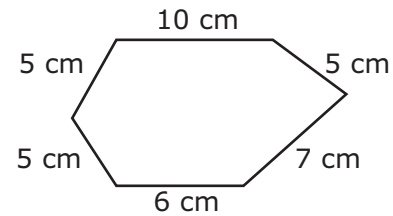
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

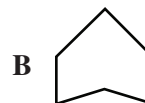
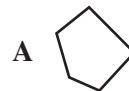
- 17** Samantha has to solve problems on three math assignments. The assignments contain 10, 11, and 13 math problems. Samantha has already solved 8 math problems. How many more math problems does she need to solve?

- 18** What is the perimeter of this shape?



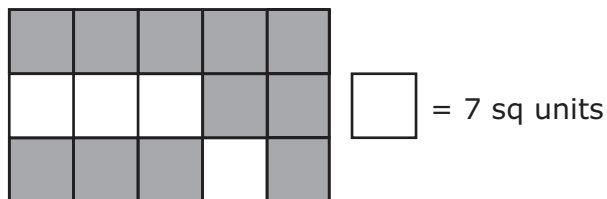
_____ cm

- 19** Which shape below is a pentagon?



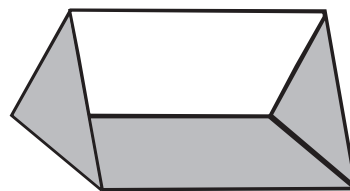
- 20** Write five hundreds one tens nine ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 24** What is the fraction of the shaded faces on this solid?



- 22** Write eight thousand two hundred eighteen as a number.

- 25** There are 21 birds in a cage. How many feet are there in the cage?

- 23** Write the correct letter in the blank.

February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

Last day of trip

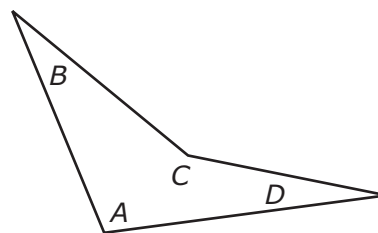
What day of the week is the first day before the trip ends?

- A Thursday
B Monday
C Wednesday

- 26** The height of a building is 112 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle A$ larger or smaller than a right angle?



Student:

Teacher:

Date:

- 28** A math book contains 104 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$4.95. Estimate to the nearest whole number the cost of 6 DVDs.

\$_____

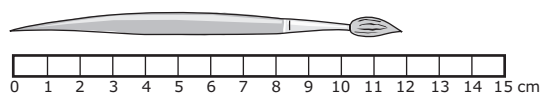
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 18 Answer Key

Item No.	Answer	Correct	Incorrect
1.	10	1	0
2.	$\frac{21}{43}, \frac{17}{45}$	1	0
3.	20, 26	1	0
4.	$\frac{8}{10}$ or $\frac{4}{5}$	1	0
5.	3.90	1	0
6.	5, 9, 2	1	0
7.	1, 4	3	0
8.	47, 15	1	0
9.	39	1	0
10.	4, 5	1	0
11.	20	1	0
12.	S	3	0
13.	2, 25	3	0
14.	dime	1	0
15.	3,635; 3,386	1	0
16.	9	1	0
17.	26	2	0
18.	38	1	0
19.	A	2	0
20.	519	1	0
21.	77	3	0
22.	8,218	1	0
23.	B	1	0
24.	$\frac{3}{5}$	2	0
25.	42	2	0
26.	110	2	0
27.	larger	3	0
28.	100	2	0
29.	30	2	0

Total

- 1 How long is the paintbrush?



_____ cm

- 2 Write the fraction when:

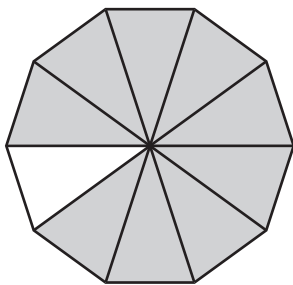
56 is the numerator and 85 is the denominator.

65 is the numerator and 96 is the denominator.

- 3 Complete the sequence.

15, 17, 19, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

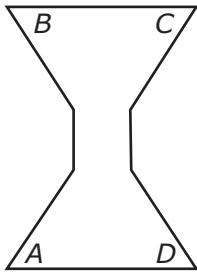


\$ _____

- 6 Write the correct number in each blank.

524 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	31
Eric	47
Layla	39
Liam	52
Marian	23

How many marbles does Eric have?

How many more marbles does Layla have than Brian?_____

9 Phil weighs 96 pounds (lb) and his father weighs 177 lb. How much less is Phil’s weight than his father’s weight?

_____ lb

10 Write the answer in each blank.

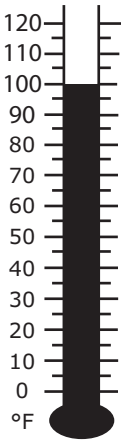
Look at this number

7,573

Which digit is in the hundreds place? _____

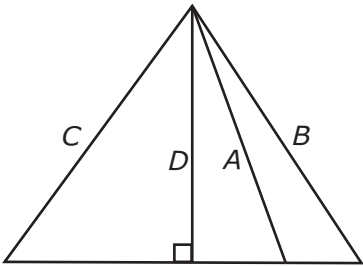
Which digit is in the ones place? _____

11 What is the temperature?



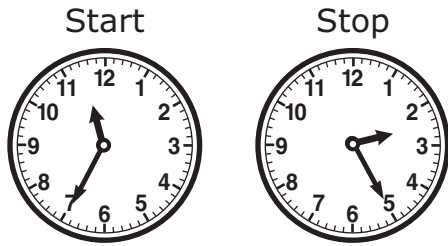
_____°F

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Erlinda has 38 pennies, 50 dimes, and 30 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

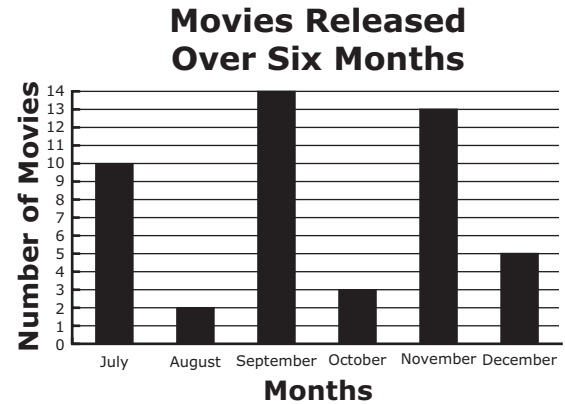
Of these numbers

5,764 6,247 6,591 5,395

_____ is the largest

_____ is the smallest

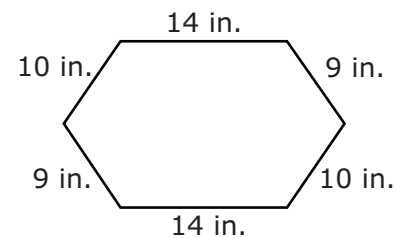
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

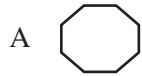
- 17** Julie has to read three chapters from a book. The chapters contain 35, 37, and 36 pages. Julie has already read 28 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



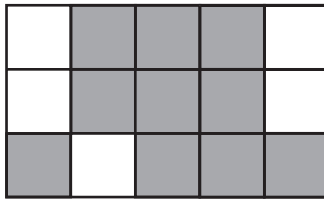
_____ in.

- 19** Which shape below is a quadrilateral?



- 20** Write six hundreds seven tens three ones as a number.

- 21** What is the area of the shaded region?



= 10 sq units

_____ sq units

- 22** Write four thousand four hundred sixty-three as a number.

- 23** Write the correct letter in the blank.

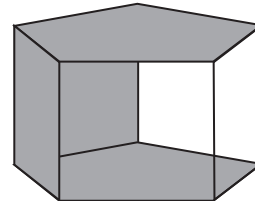
April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Last Day of Fair

What day of the week is the first day after the fair ends?

- A Wednesday
B Tuesday
C Friday

- 24** What is the fraction of the shaded faces on this solid?

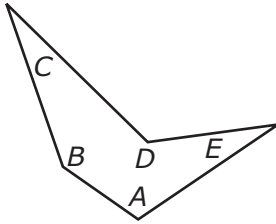


- 25** There are 4 horses in a stable. How many legs are there in the stable?

- 26** The height of a building is 256 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle B$ larger or smaller than a right angle?



- 28** A math book contains 226 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$4.99. Estimate to the nearest whole number the cost of 7 DVDs.

\$_____

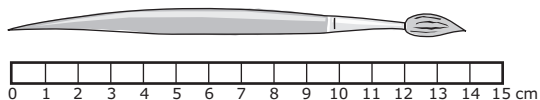
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 19 Answer Key

Item No.	Answer	Correct	Incorrect
1.	12	1	0
2.	$\frac{56}{85}, \frac{65}{96}$	1	0
3.	21, 23	1	0
4.	$\frac{9}{10}$	1	0
5.	3.70	1	0
6.	5, 2, 4	1	0
7.	2, 4	3	0
8.	47, 8	1	0
9.	81	1	0
10.	5, 3	1	0
11.	100	1	0
12.	D	3	0
13.	2, 50	3	0
14.	dime	1	0
15.	6,591; 5,395	1	0
16.	13	1	0
17.	80	2	0
18.	66	1	0
19.	B	2	0
20.	673	1	0
21.	100	3	0
22.	4,463	1	0
23.	A	1	0
24.	$\frac{4}{7}$	2	0
25.	16	2	0
26.	260	2	0
27.	larger	3	0
28.	200	2	0
29.	35	2	0

Total

- 1** How long is the paintbrush?



_____ cm

- 2** Write the fraction when:

58 is the numerator and 87 is the denominator.



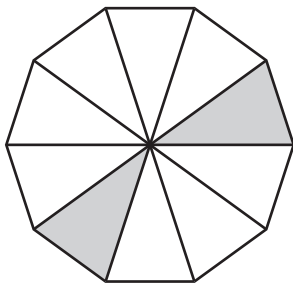
67 is the numerator and 98 is the denominator.



- 3** Complete the sequence.

15, 19, 23, _____, _____

- 4** Write the fraction for the shaded part.



- 5** How much money is pictured below?

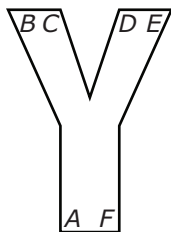


\$ _____

- 6** Write the correct number in each blank.

741 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8

Use the table to answer the questions.

Name	Number of Marbles
Brian	41
Eric	57
Layla	49
Liam	62
Marian	33

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9

Barry weighs 100 pounds (lb) and his father weighs 185 lb. How much less is Barry's weight than his father's weight?

_____ lb

10

Write the answer in each blank.

Look at this number

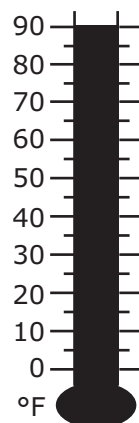
3,638

Which digit is in the hundreds place? _____

Which digit is in the ones place? _____

11

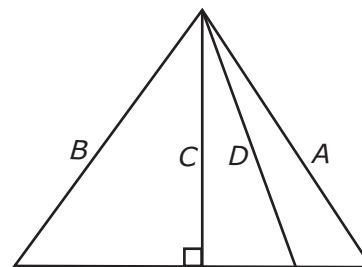
What is the temperature?



_____ °F

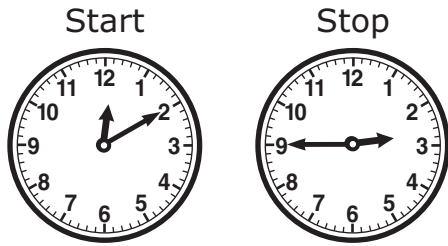
12

Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Carol has 57 pennies, 23 dimes, and 46 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

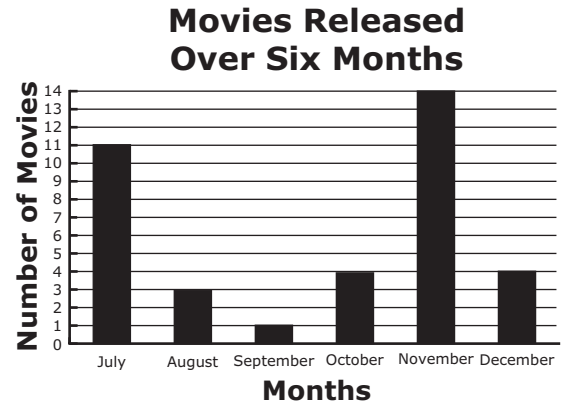
Of these numbers

4,314 4,138 5,734 5,136

_____ is the largest

_____ is the smallest

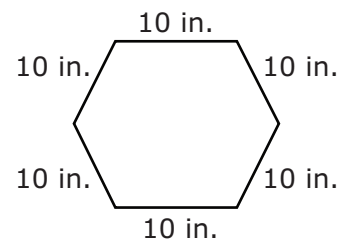
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

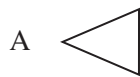
- 17** Fiona has to read three chapters from a book. The chapters contain 45, 41, and 47 pages. Fiona has already read 38 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



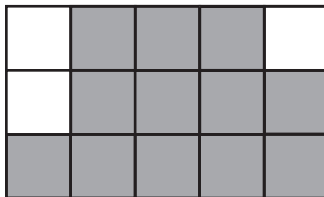
_____ in.

- 19** Which shape below is a triangle?



- 20** Write nine hundreds one tens six ones as a number.

- 21** What is the area of the shaded region?



= 10 sq units

_____ sq units

- 22** Write five thousand nine hundred eighty-seven as a number.

- 23** Write the correct letter in the blank.

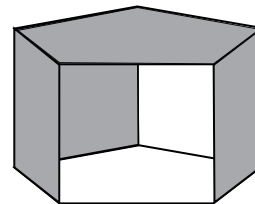
January						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Last Day of Winter Break

What day of the week is the first day after winter break ends?

- A Monday
B Sunday
C Tuesday

- 24** What is the fraction of the shaded faces on this solid?

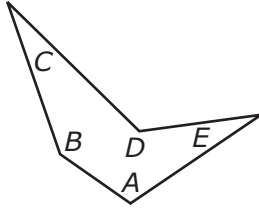


- 25** There are 8 horses in a stable. How many legs are there in the stable?

- 26** The height of a building is 273 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle D$ larger or smaller than a right angle?



- 28** A math book contains 246 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$5.97. Estimate to the nearest whole number the cost of 7 DVDs.

\$_____

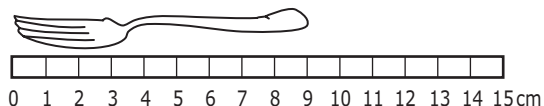
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 20 Answer Key

Item No.	Answer	Correct	Incorrect
1.	14	1	0
2.	$\frac{58}{87}, \frac{67}{98}$	1	0
3.	27, 31	1	0
4.	$\frac{2}{10}$ or $\frac{1}{5}$	1	0
5.	4.00	1	0
6.	7, 4, 1	1	0
7.	1, 2	3	0
8.	57, 8	1	0
9.	85	1	0
10.	6, 8	1	0
11.	90	1	0
12.	C	3	0
13.	2, 35	3	0
14.	penny	1	0
15.	5,734; 4,138	1	0
16.	14	1	0
17.	95	2	0
18.	60	1	0
19.	A	2	0
20.	916	1	0
21.	120	3	0
22.	5,987	1	0
23.	C	1	0
24.	$\frac{4}{7}$	2	0
25.	32	2	0
26.	270	2	0
27.	larger	3	0
28.	200	2	0
29.	42	2	0

Total

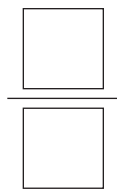
- 1** How long is the fork?



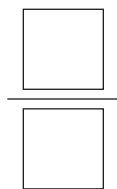
_____ cm

- 2** Write the fraction when:

16 is the numerator and 33 is the denominator.



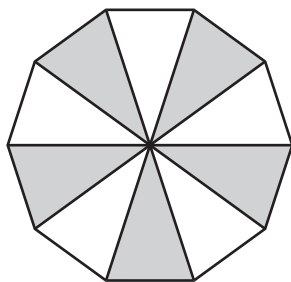
17 is the numerator and 22 is the denominator.



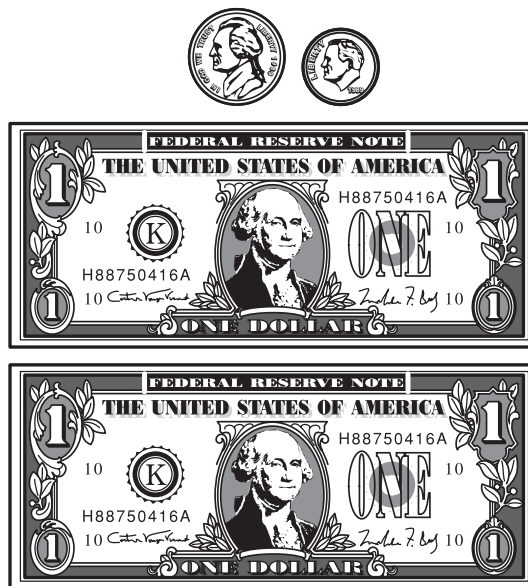
- 3** Complete the sequence.

2, 5, 8, _____, _____

- 4** Write the fraction for the shaded part.



- 5** How much money is pictured below?

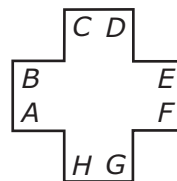


\$ _____

- 6** Write the correct number in each blank.

948 = _____ hundreds _____ tens _____ ones

- 7**



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Books
Alex	40
Ben	55
Steve	57
Doug	63
Eric	45

How many books does Ben have?

How many more books does Doug have than Alex? _____

9 Lisa weighs 62 kilograms (kg) and her father weighs 79 kg. How much less is Lisa’s weight than her father’s weight?

_____ kg

10 Write the answer in each blank.

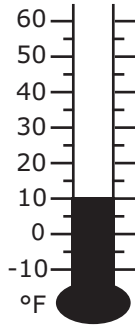
Look at this number

5,976

Which digit is in the hundreds place? _____

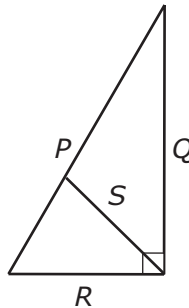
Which digit is in the ones place? _____

11 What is the temperature?



_____ °F

12 Write the correct letter in the blank.



Height of the triangle = _____

13 How long does the train run?

Start



Stop



_____ hours _____ minutes

- 14** Damien has 11 quarters, 7 dimes, and 6 pennies in his pocket. If he pulls out one coin without looking, what type of coin is he most likely to pull out?

- 15** Write the answer in each blank.

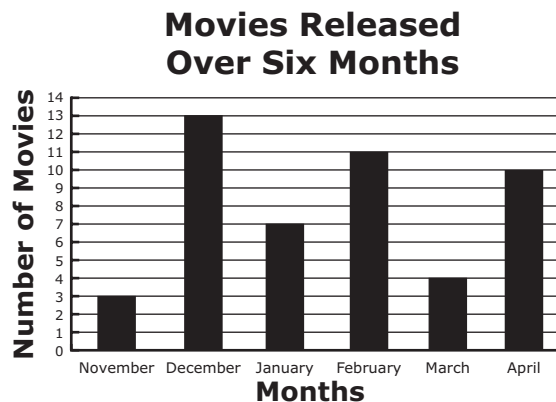
Of these numbers

2,416 2,164 2,191 2,629

_____ is the largest

_____ is the smallest

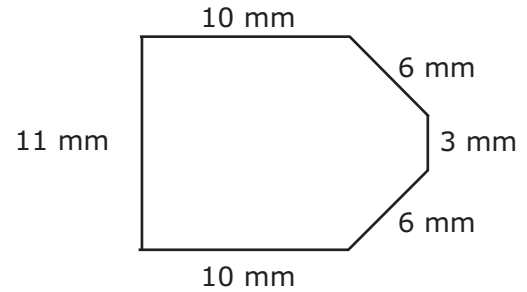
- 16** Use the graph to answer the questions.



How many movies were released in February? _____

- 17** Sam has to solve problems on three math assignments. The assignments contain 26, 29, and 33 math problems. Sam has already solved 27 math problems. How many more math problems does he need to solve?

- 18** What is the perimeter of this shape?



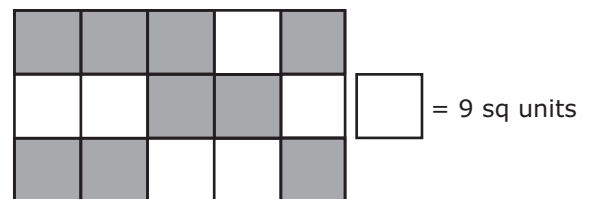
_____ mm

- 19** Which shape below has all acute angles?



- 20** Write three hundreds eight tens nine ones as a number.

- 21** What is the area of the shaded region?



- 22** Write one thousand five hundred forty-two as a number.

- 23** Write the correct letter in the blank.

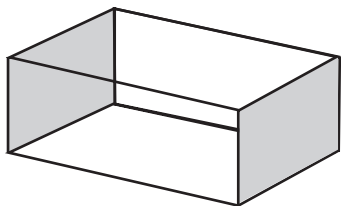
March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

New moon

What day of the week is the third day after the new moon?

- A Sunday
B Tuesday
C Monday

- 24** What is the fraction of the shaded faces on this solid?

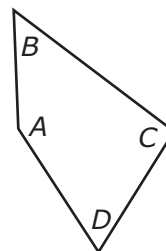


- 25** There are 2 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 36 meters (m). Round the height of the building to the nearest tens place.

_____ m

- 27** Is $\angle D$ larger or smaller than a right angle?



- 28** A math book contains 408 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single CD is \$1.99. Estimate to the nearest whole number the cost of 18 CDs.

\$ _____

Student:

Teacher:

Date:

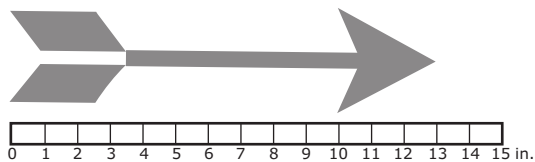
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 21 Answer Key

Item No.	Answer	Correct	Incorrect
1.	9	1	0
2.	$\frac{16}{33}$, $\frac{17}{22}$	1	0
3.	11, 14	1	0
4.	$\frac{5}{10}$ or $\frac{1}{2}$	1	0
5.	2.15	1	0
6.	9, 4, 8	1	0
7.	4, 0	3	0
8.	55, 23	1	0
9.	17	1	0
10.	9, 6	1	0
11.	10	1	0
12.	Q	3	0
13.	2, 50	3	0
14.	quarter	1	0
15.	2,629; 2,164	1	0
16.	11	1	0
17.	61	2	0
18.	46	1	0
19.	B	2	0
20.	389	1	0
21.	81	3	0
22.	1,542	1	0
23.	B	1	0
24.	$\frac{2}{6}$ or $\frac{1}{3}$	2	0
25.	4	2	0
26.	40	2	0
27.	smaller	3	0
28.	400	2	0
29.	36	2	0

Total

- 1 How long is the arrow?



_____ in.

- 2 Write the fraction when:

16 is the numerator and 35 is the denominator.



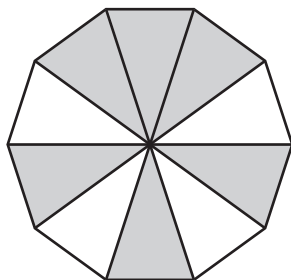
18 is the numerator and 37 is the denominator.



- 3 Complete the sequence.

1, 5, 9, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

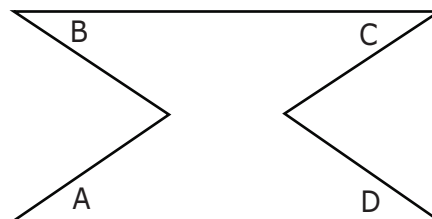


\$ _____

- 6 Write the correct number in each blank.

619 = _____ hundreds _____ tens _____ ones

- 7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Alex	30
Carmen	42
Faith	36
Rick	51
Victoria	24

How many marbles does Carmen have?

How many more marbles does Faith have than Alex? _____

9 Ben weighs 47 kilograms (kg) and his father weighs 95 kg. How much less is Ben’s weight than his father’s weight?

_____ kg

10 Write the answer in each blank.

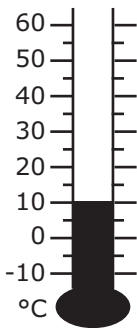
Look at this number

1,255

Which digit is in the hundreds place? _____

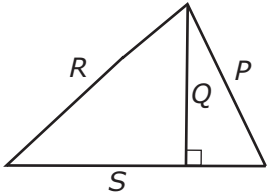
Which digit is in the ones place? _____

11 What is the temperature?



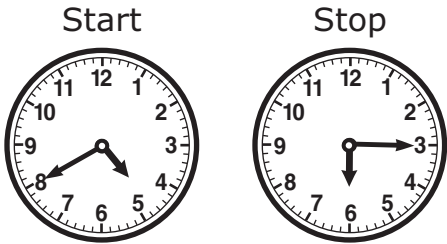
_____°C

12 Write the correct letter in the blank.



Height of the triangle = _____

13 How long does the train run?



_____ hours _____ minutes

14 Peter has 4 quarters, 5 dimes, and 7 nickels in his pocket. If he pulls out one coin without looking, what type of coin is he most likely to pull out?

- 15** Write the answer in each blank.

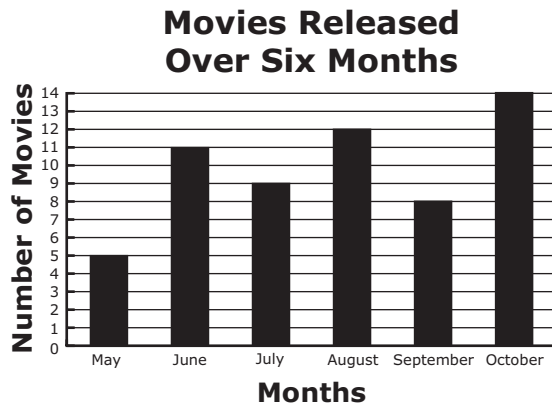
Of these numbers

4,875 4,758 4,596 4,466

_____ is the largest

_____ is the smallest

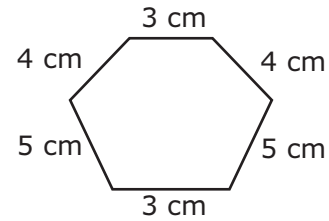
- 16** Use the graph to answer the questions.



How many movies were released in September? _____

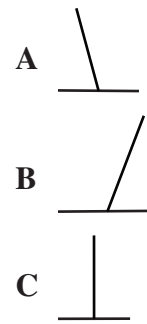
- 17** Sheila has to solve problems on three math assignments. The assignments contain 23, 25, and 27 math problems. Sheila has already solved 10 math problems. How many more math problems does she need to solve?
- _____

- 18** What is the perimeter of this shape?



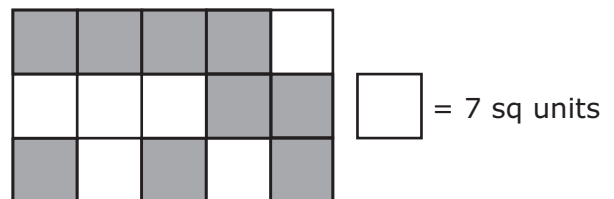
_____ cm

- 19** Which shape below has a right angle?



- 20** Write five hundreds four tens eight ones as a number.

- 21** What is the area of the shaded region?



- 22** Write seven thousand six hundred thirty-eight as a number.

- 23** Write the correct letter in the blank.

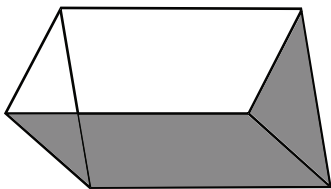
February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	(2)	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

First day of Science Exhibition

What day of the week is the first day after the science exhibition starts?

- A Sunday
B Wednesday
C Tuesday

- 24** What is the fraction of the shaded faces on this solid?

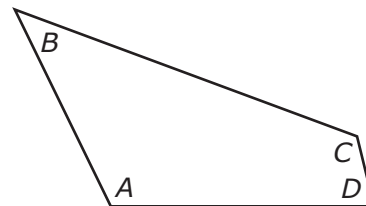


- 25** There are 18 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 92 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle C$ larger or smaller than a right angle?



- 28** A math book contains 81 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$4.99. Estimate to the nearest whole number the cost of 4 DVDs.

\$ _____

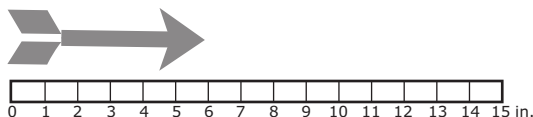
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 22 Answer Key

Item No.	Answer	Correct	Incorrect
1.	13	1	0
2.	$\frac{16}{35}, \frac{18}{37}$	1	0
3.	13, 17	1	0
4.	$\frac{6}{10}$ or $\frac{3}{5}$	1	0
5.	2.35	1	0
6.	6, 1, 9	1	0
7.	2, 4	3	0
8.	42, 6	1	0
9.	48	1	0
10.	2, 5	1	0
11.	10	1	0
12.	Q	3	0
13.	1, 35	3	0
14.	nickel	1	0
15.	4,875; 4,466	1	0
16.	8	1	0
17.	65	2	0
18.	24	1	0
19.	C	2	0
20.	548	1	0
21.	63	3	0
22.	7,638	1	0
23.	C	1	0
24.	$\frac{2}{5}$	2	0
25.	36	2	0
26.	90	2	0
27.	larger	3	0
28.	100	2	0
29.	20	2	0

Total

- 1** How long is the arrow?



_____ in.

- 2** Write the fraction when:

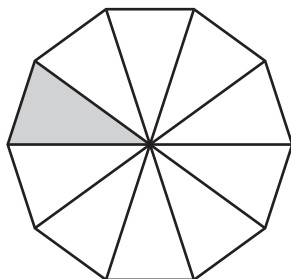
24 is the numerator and 47 is the denominator.

25 is the numerator and 49 is the denominator.

- 3** Complete the sequence.

2, 10, 18, _____, _____

- 4** Write the fraction for the shaded part.



- 5** How much money is pictured below?

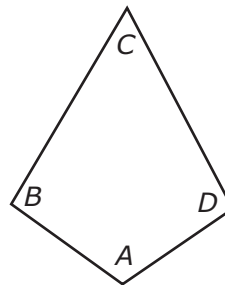


\$ _____

- 6** Write the correct number in each blank.

185 = ____ hundreds ____ tens ____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

- 8** Use the table to answer the questions.

Name	Number of Marbles
Alan	39
Beth	46
Chris	45
Donny	51
Ethan	32

How many marbles does Beth have?

How many more marbles does Donny have than Alan? _____

- 9** Kevin weighs 53 kilograms (kg) and his father weighs 88 kg. How much less is Kevin's weight than his father's weight?

_____ kg

- 10** Write the answer in each blank.

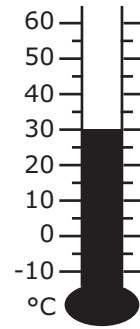
Look at this number

6,123

Which digit is in the hundreds place? _____

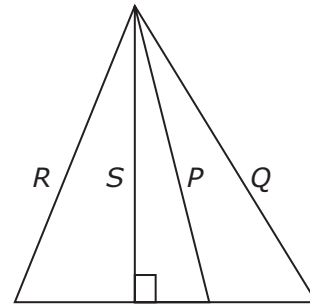
Which digit is in the ones place? _____

- 11** What is the temperature?



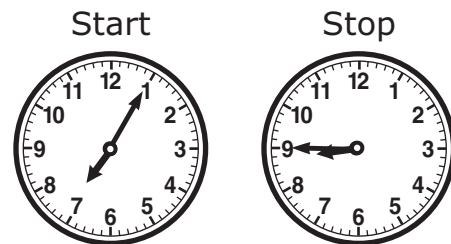
_____ °C

- 12** Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Kayla has 8 quarters, 7 dimes, and 9 nickels in her pocket. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

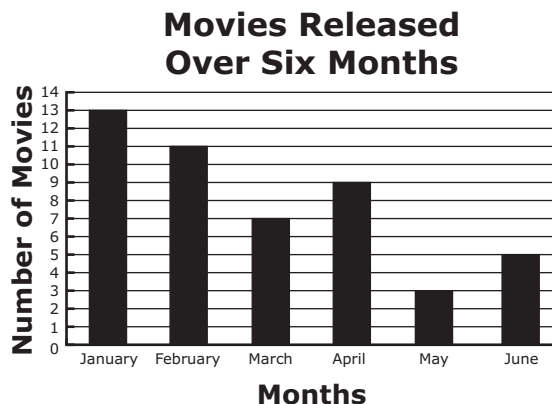
Of these numbers

1,023 1,203 1,230 1,032

_____ is the largest

_____ is the smallest

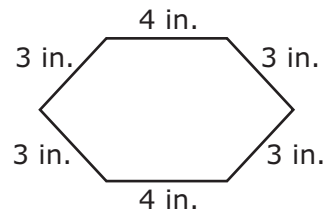
- 16** Use the graph to answer the questions.



How many movies were released in April?

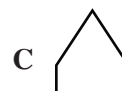
- 17** Hal has to solve problems on three math assignments. The assignments contain 16, 17, and 18 math problems. Hal has already solved 8 math problems. How many more math problems does he need to solve?

- 18** What is the perimeter of this shape?



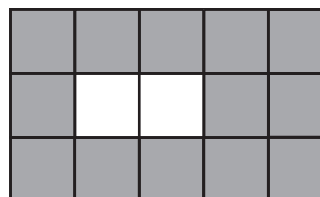
_____ in.

- 19** Which shape below is a pentagon?



- 20** Write five hundreds three tens four ones as a number.

- 21** What is the area of the shaded region?



= 7 sq units

_____ sq units

- 22** Write eight thousand four hundred sixteen as a number.

- 23** Write the correct letter in the blank.

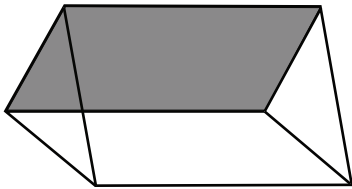
February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

Painting Competition

What day of the week is the first day after the painting competition?

- A Monday
B Friday
C Sunday

- 24** What is the fraction of the shaded faces on this solid?

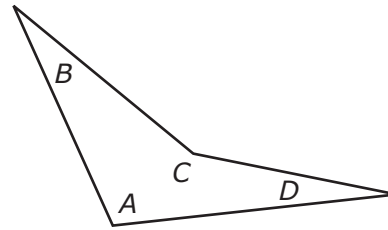


- 25** There are 23 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 137 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle C$ larger or smaller than a right angle?



- 28** A math book contains 120 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$4.95. Estimate to the nearest whole number the cost of 8 DVDs.

\$ _____

Student:

Teacher:

Date:

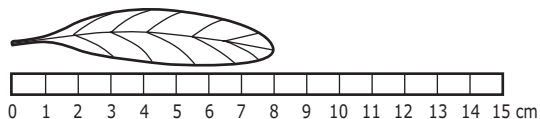
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 23 Answer Key

Item No.	Answer	Correct	Incorrect
1.	6	1	0
2.	$\frac{24}{47}, \frac{25}{49}$	1	0
3.	26, 34	1	0
4.	$\frac{1}{10}$	1	0
5.	1.60	1	0
6.	1, 8, 5	1	0
7.	1, 1	3	0
8.	46, 12	1	0
9.	35	1	0
10.	1, 3	1	0
11.	30	1	0
12.	S	3	0
13.	1, 40	3	0
14.	nickel	1	0
15.	1,230; 1,023	1	0
16.	9	1	0
17.	43	2	0
18.	20	1	0
19.	C	2	0
20.	534	1	0
21.	91	3	0
22.	8,416	1	0
23.	C	1	0
24.	$\frac{1}{5}$	2	0
25.	46	2	0
26.	140	2	0
27.	larger	3	0
28.	100	2	0
29.	40	2	0

Total

- 1 How long is the feather?



_____ cm

- 2 Write the fraction when:

5 is the numerator and 23 is the denominator.



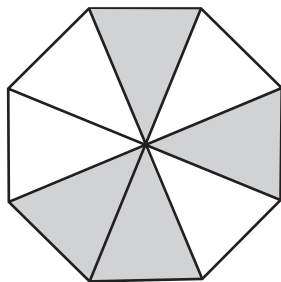
7 is the numerator and 17 is the denominator.



- 3 Complete the sequence.

6, 11, 16, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

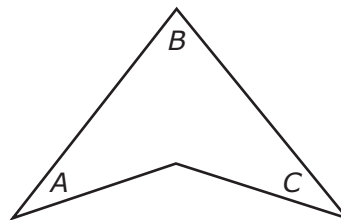


\$ _____

- 6 Write the correct number in each blank.

623 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

- 8** Use the table to answer the questions.

Name	Number of Marbles
Todd	26
Rich	40
Stacy	32
Pamela	30
Vicky	28

How many marbles does Vicky have?

How many more marbles does Rich have than Todd? _____

- 9** Mary weighs 48 kilograms (kg) and her father weighs 64 kg. How much less is Mary's weight than her father's weight?

_____ kg

- 10** Write the answer in each blank.

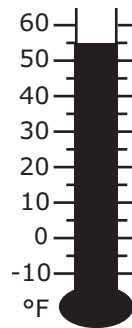
Look at this number

3,217

Which digit is in the hundreds place? _____

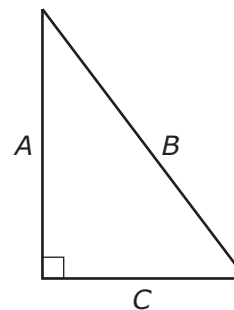
Which digit is in the ones place? _____

- 11** What is the temperature?



_____ °F

- 12** Write the correct letter in the blank.

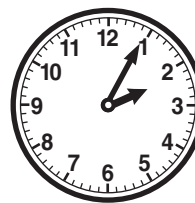
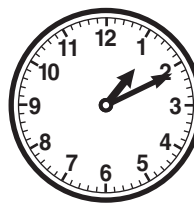


Height of the triangle = _____

- 13** How long does the train run?

Start

Stop



_____ hours _____ minutes

- 14** Ricky has 2 quarters, 3 dimes, and 5 pennies in his pocket. If he pulls out one coin without looking, what type of coin is he most likely to pull out?

- 15** Write the answer in each blank.

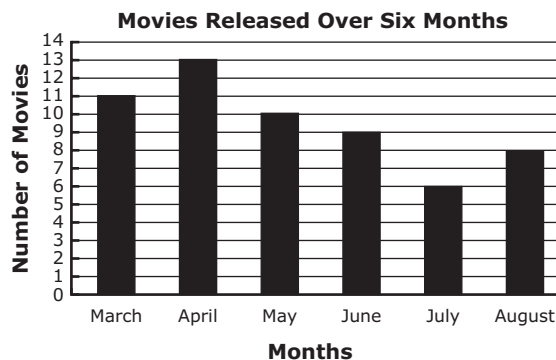
Of these numbers

5,534 4,197 5,991 3,628

_____ is the largest

_____ is the smallest

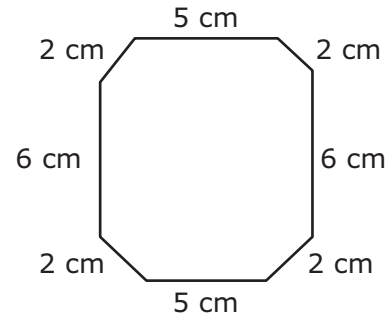
- 16** Use the graph to answer the questions.



How many movies were released in May?

- 17** Dave has to solve problems on three math assignments. The assignments contain 17, 35, and 22 math problems. Dave has already solved 12 math problems. How many more math problems does he need to solve?

- 18** What is the perimeter of this shape?



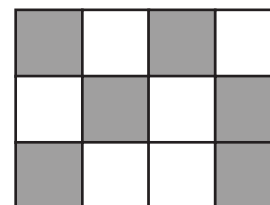
_____ cm

- 19** Which shape below is a square?



- 20** Write five hundreds nine tens seven ones as a number.

- 21** What is the area of the shaded region?



= 3 sq units

_____ sq units

22 Write two thousand seven hundred fifty-nine as a number.

23 Write the correct letter in the blank.

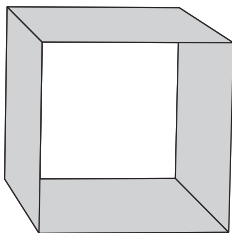
July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

→ Last day of trip

What day of the week is the first day after the trip ends?

- A Tuesday
B Sunday
C Thursday

24 What is the fraction of the shaded faces on this solid?

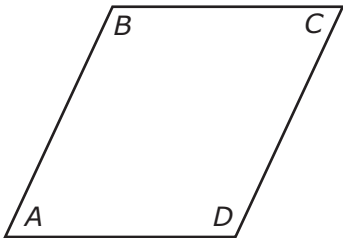


25 There are 5 birds in a cage. How many feet are there in the cage?

26 The height of a building is 92 meters (m). Round the height of the building to the nearest tens place.

_____ m

27 Is $\angle C$ larger or smaller than a right angle?



28 A math book contains 277 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

29 The cost of a single CD is \$1.95. Estimate to the nearest whole number the cost of 8 CDs.

\$ _____

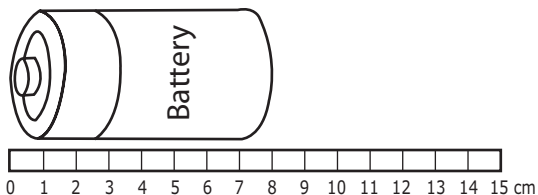
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 24 Answer Key

Item No.	Answer	Correct	Incorrect
1.	8	1	0
2.	$\frac{5}{23}, \frac{7}{17}$	1	0
3.	21, 26	1	0
4.	$\frac{4}{8}$ or $\frac{1}{2}$	1	0
5.	2.95	1	0
6.	6, 2, 3	1	0
7.	1, 3	3	0
8.	28, 14	1	0
9.	16	1	0
10.	2, 7	1	0
11.	55	1	0
12.	A	3	0
13.	0, 55	3	0
14.	penny	1	0
15.	5,991; 3,628	1	0
16.	10	1	0
17.	62	2	0
18.	30	1	0
19.	C	2	0
20.	597	1	0
21.	36	3	0
22.	2,759	1	0
23.	C	1	0
24.	$\frac{4}{6}$ or $\frac{2}{3}$	2	0
25.	10	2	0
26.	90	2	0
27.	smaller	3	0
28.	300	2	0
29.	16	2	0

Total

- 1** How long is the battery?



_____ cm

- 2** Write the fraction when:

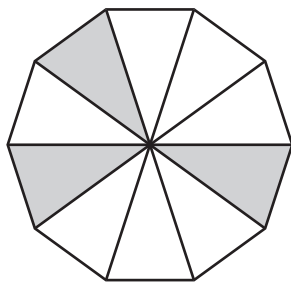
10 is the numerator and 23 is the denominator.

7 is the numerator and 15 is the denominator.

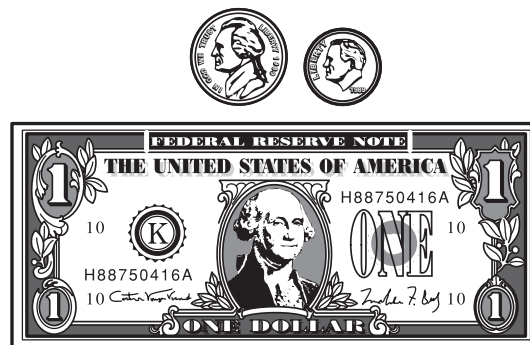
- 3** Complete the sequence.

2, 11, 20, _____, _____

- 4** Write the fraction for the shaded part.



- 5** How much money is pictured below?



\$ _____

- 6** Write the correct number in each blank.

824 = ____ hundreds ____ tens ____ ones

- 7**



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

- 8** Use the table to answer the questions.

Name	Number of Marbles
Matt	22
Nick	34
Peter	21
Steve	45
Tonya	36

How many marbles does Steve have?

How many more marbles does Tonya have than Nick? _____

- 9** Neil weighs 82 pounds (lb) and his father weighs 168 lb. How much less is Neil's weight than his father's weight?

_____ lb

- 10** Write the answer in each blank.

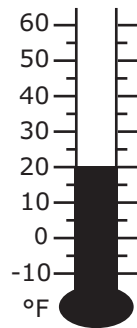
Look at this number

1,032

Which digit is in the hundreds place? _____

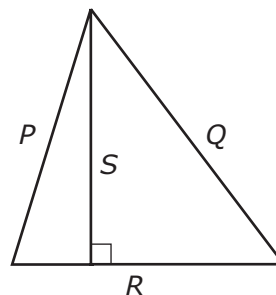
Which digit is in the ones place? _____

- 11** What is the temperature?



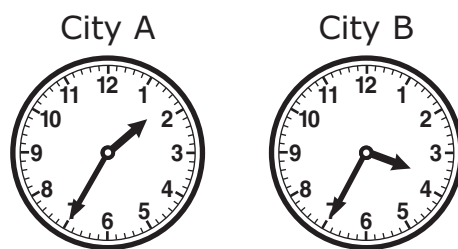
_____ °F

- 12** Write the correct letter in the blank.



Height of the triangle = _____

- 13** What is the time difference between City A and City B?



_____ hours _____ minutes

- 14** Jim has 3 quarters, 2 dimes, and 6 pennies in his pocket. If he pulls out one coin without looking, what type of coin is he most likely to pull out?

- 15** Write the answer in each blank.

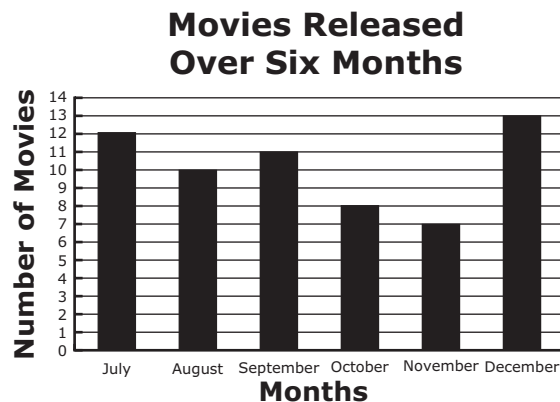
Of these numbers

9,226 8,919 8,447 9,089

_____ is the largest

_____ is the smallest

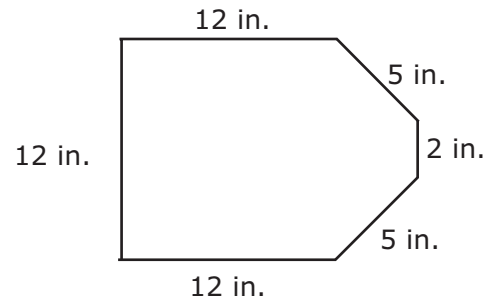
- 16** Use the graph to answer the questions.



How many movies were released in July?

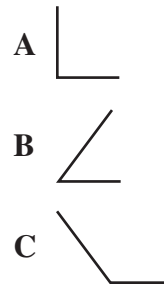
- 17** Jimmy has to solve problems on three math assignments. The assignments contain 28, 34, and 26 math problems. Jimmy has already solved 22 math problems. How many more math problems does he need to solve?

- 18** What is the perimeter of this shape?



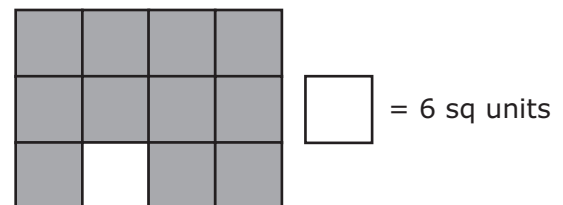
_____ in.

- 19** Which shape below is an acute angle?



- 20** Write two hundreds seven tens six ones as a number.

- 21** What is the area of the shaded region?



- 22** Write two thousand three hundred forty-six as a number.

- 23** Write the correct letter in the blank.

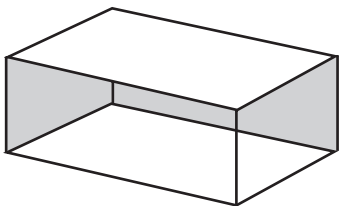
April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Ben's birthday

What day of the week is the first day after Ben's birthday?

- A Friday
B Saturday
C Thursday

- 24** What is the fraction of the shaded faces on this solid?

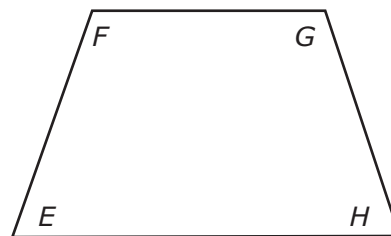


- 25** There are 20 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 332 meters (m). Round the height of the building to the nearest tens place.

_____ m

- 27** Is $\angle H$ larger or smaller than a right angle?



- 28** A math book contains 158 pages. Rounded to the nearest tens place, how many pages does the math book contain?

- 29** The cost of a single CD is \$1.99. Estimate to the nearest whole number the cost of 16 CDs.

\$ _____

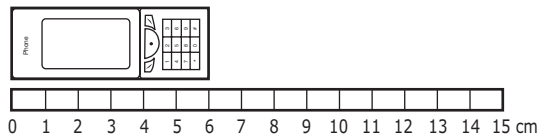
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 25 Answer Key

Item No.	Answer	Correct	Incorrect
1.	8	1	0
2.	$\frac{10}{23}, \frac{7}{15}$	1	0
3.	29, 38	1	0
4.	$\frac{3}{10}$	1	0
5.	1.15	1	0
6.	8, 2, 4	1	0
7.	2, 0	3	0
8.	45, 2	1	0
9.	86	1	0
10.	0, 2	1	0
11.	20	1	0
12.	S	3	0
13.	2, 0	3	0
14.	penny	1	0
15.	9,226; 8,447	1	0
16.	12	1	0
17.	66	2	0
18.	48	1	0
19.	B	2	0
20.	276	1	0
21.	66	3	0
22.	2,346	1	0
23.	B	1	0
24.	$\frac{2}{6}$ or $\frac{1}{3}$	2	0
25.	40	2	0
26.	330	2	0
27.	smaller	3	0
28.	160	2	0
29.	32	2	0

Total

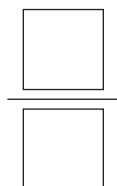
- 1 How long is the mobile phone?



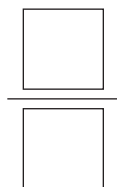
_____ cm

- 2 Write the fraction when:

5 is the numerator and 27 is the denominator.



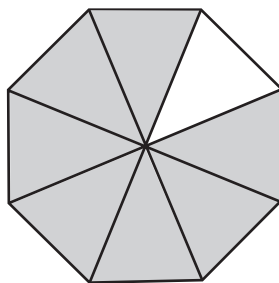
11 is the numerator and 13 is the denominator.



- 3 Complete the sequence.

13, 16, 19, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

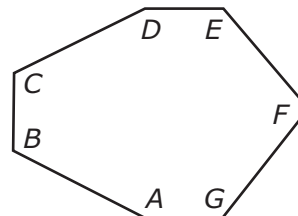


\$ _____

- 6 Write the correct number in each blank.

437 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

- 8** Use the table to answer the questions.

Name	Number of Marbles
Richard	42
Davie	65
Nichol	28
May	33
Cartwright	86

How many marbles does Cartwright have?

How many more marbles does Davie have than May? _____

- 9** Megan weighs 23 kilograms (kg) and her father weighs 81 kg. How much less is Megan's weight than her father's weight?

_____ kg

- 10** Write the answer in each blank.

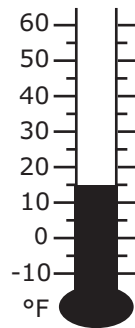
Look at this number

7,918

Which digit is in the hundreds place? _____

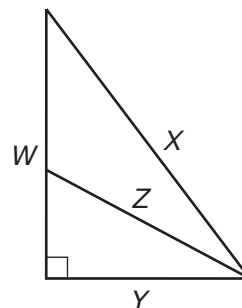
Which digit is in the ones place? _____

- 11** What is the temperature?



_____ °F

- 12** Write the correct letter in the blank.

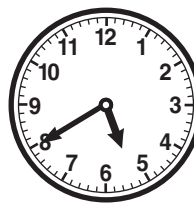


Height of the triangle = _____

- 13** How long does the train run?

Start

Stop



_____ hours _____ minutes

- 14** Frank has 3 quarters, 8 dimes, and 2 pennies in his pocket. If he pulls out one coin without looking, what type of coin is he most likely to pull out?

- 15** Write the answer in each blank.

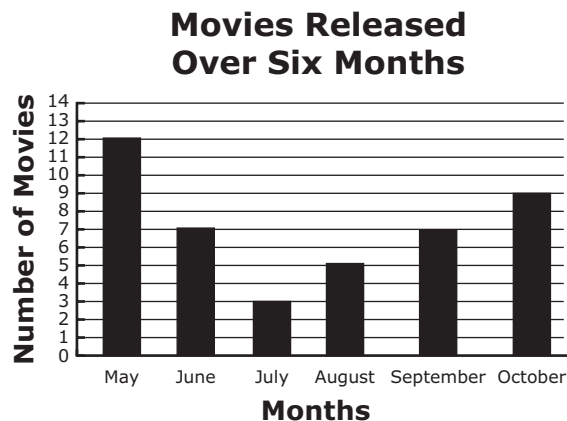
Of these numbers

7,246 7,519 7,105 7,312

_____ is the largest

_____ is the smallest

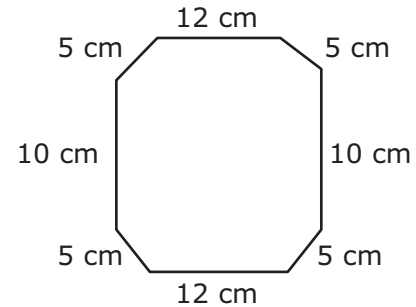
- 16** Use the graph to answer the questions.



How many movies were released in October?

- 17** Martha has to solve problems on three math assignments. The assignments contain 25, 18, and 12 math problems. Martha has already solved 11 math problems. How many more math problems does she need to solve?

- 18** What is the perimeter of this shape?



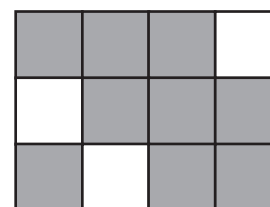
_____ cm

- 19** Which shape below is pentagon?



- 20** Write four hundreds seven tens five ones as a number.

- 21** What is the area of the shaded region?



= 2 sq units

_____ sq units

- 22** Write seven thousand one hundred ninety-two as a number.

- 23** Write the correct letter in the blank.

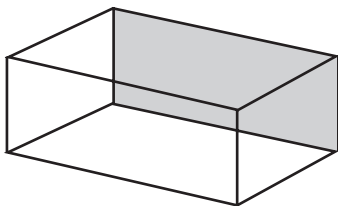
March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

School play ends

What is the first day after the school play ends?

- A** Sunday
B Friday
C Saturday

- 24** What is the fraction of the shaded faces on this solid?

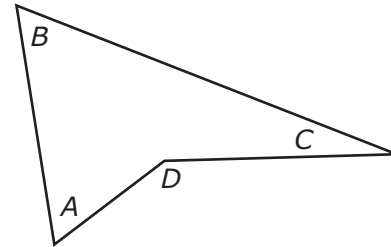


- 25** There are 15 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 97 meters (m). Round the height of the building to the nearest tens place.

_____ m

- 27** Is $\angle A$ larger or smaller than a right angle?



- 28** A math book contains 390 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single CD is \$2.99. Estimate to the nearest whole number the cost of 5 CDs.

\$ _____

Student:

Teacher:

Date:

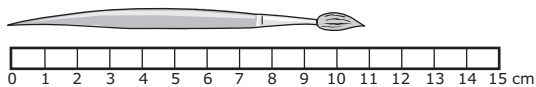
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 26 Answer Key

Item No.	Answer	Correct	Incorrect
1.	6	1	0
2.	$\frac{5}{27}, \frac{11}{13}$	1	0
3.	22, 25	1	0
4.	$\frac{7}{8}$	1	0
5.	1.40	1	0
6.	4, 3, 7	1	0
7.	1, 0	3	0
8.	86, 32	1	0
9.	58	1	0
10.	9, 8	1	0
11.	15	1	0
12.	W	3	0
13.	0, 10	3	0
14.	dime	1	0
15.	7,519; 7,105	1	0
16.	9	1	0
17.	44	2	0
18.	64	1	0
19.	B	2	0
20.	475	1	0
21.	18	3	0
22.	7,192	1	0
23.	A	1	0
24.	$\frac{1}{6}$	2	0
25.	30	2	0
26.	100	2	0
27.	smaller	3	0
28.	400	2	0
29.	15	2	0

Total

- 1 How long is the paintbrush?



_____ cm

- 2 Write the fraction when:

55 is the numerator and 84 is the denominator.

55
84

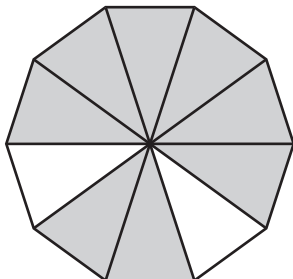
64 is the numerator and 95 is the denominator.

64
95

- 3 Complete the sequence.

6, 9, 12, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

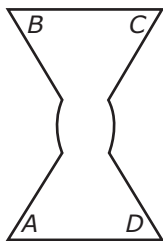


\$ _____

- 6 Write the correct number in each blank.

423 = ____ hundreds ____ tens ____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8

Use the table to answer the questions.

Name	Number of Marbles
Brian	26
Eric	41
Layla	34
Liam	47
Marian	18

How many marbles does Eric have?

How many more marbles does Layla have than Brian? _____

9

Stan weighs 93 pounds (lb) and his father weighs 170 lb. How much less is Stan's weight than his father's weight?

_____ lb

10

Write the answer in each blank.

Look at this number

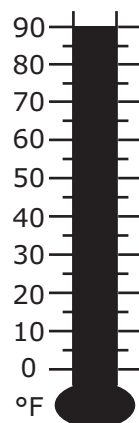
5,685

Which digit is in the hundreds place? _____

Which digit is in the ones place? _____

11

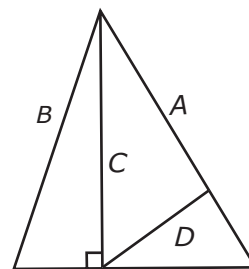
What is the temperature?



_____ °F

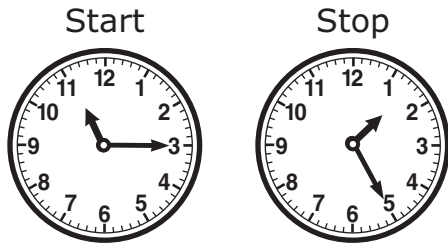
12

Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Estella has 53 pennies, 31 dimes, and 36 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

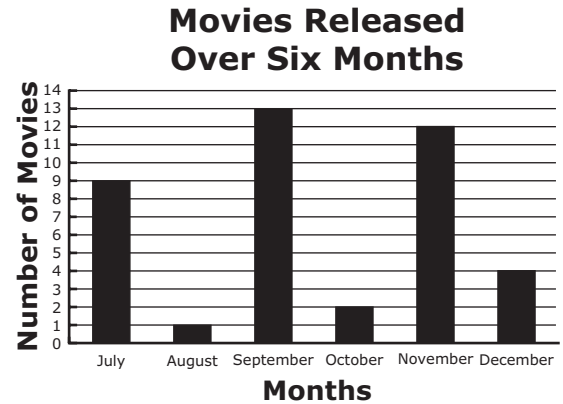
Of these numbers

6,542 6,947 6,337 6,353

_____ is the largest

_____ is the smallest

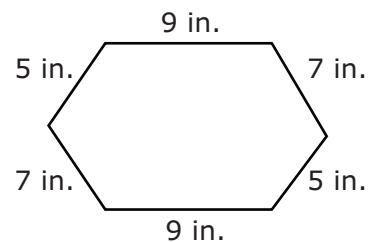
- 16** Use the graph to answer the questions.



How many movies were released in November? _____

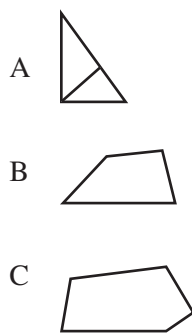
- 17** Helena has to read three chapters from a book. The chapters contain 32, 34, and 33 pages. Helena has already read 25 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



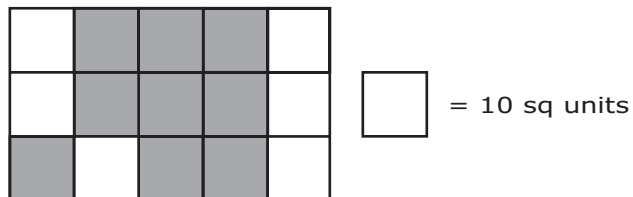
_____ in.

- 19** Which shape below is a quadrilateral?



- 20** Write six hundreds six tens four ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write four thousand three hundred forty-one as a number.

- 23** Write the correct letter in the blank.

April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Last Day of Camp

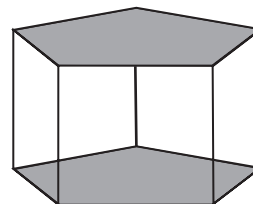
What day of the week is the second day after camp ends?

A Sunday

B Monday

C Saturday

- 24** What is the fraction of the shaded faces on this solid?

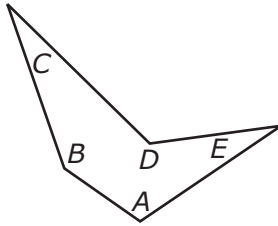


- 25** There are 40 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 247 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle A$ larger or smaller than a right angle?



- 28** A math book contains 215 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$6.99. Estimate to the nearest whole number the cost of 6 DVDs.

\$_____

Student:

Teacher:

Date:

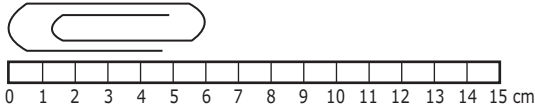
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 27 Answer Key

Item No.	Answer	Correct	Incorrect
1.	11	1	0
2.	$\frac{55}{84}$, $\frac{64}{95}$	1	0
3.	15, 18	1	0
4.	$\frac{8}{10}$ or $\frac{4}{5}$	1	0
5.	3.50	1	0
6.	4, 2, 3	1	0
7.	2, 4	3	0
8.	41, 8	1	0
9.	77	1	0
10.	6, 5	1	0
11.	90	1	0
12.	C	3	0
13.	2, 10	3	0
14.	penny	1	0
15.	6,947; 6,337	1	0
16.	12	1	0
17.	74	2	0
18.	42	1	0
19.	B	2	0
20.	664	1	0
21.	90	3	0
22.	4,341	1	0
23.	B	1	0
24.	$\frac{2}{7}$	2	0
25.	80	2	0
26.	250	2	0
27.	larger	3	0
28.	200	2	0
29.	42	2	0

Total

1 How long is the paper clip?



_____ cm

2 Write the fraction when:

11 is the numerator and 23 is the denominator.



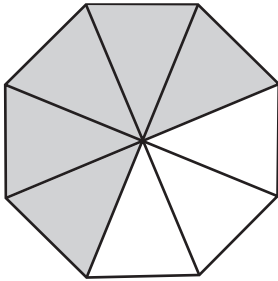
8 is the numerator and 15 is the denominator.



3 Complete the sequence.

19, 21, 23, _____, _____

4 Write the fraction for the shaded part.



5 How much money is pictured below?

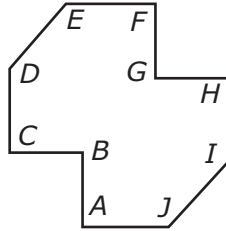


\$ _____

6 Write the correct number in each blank.

485 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

- 8** Use the table to answer the questions.

Name	Number of Marbles
Art	28
Ben	32
Christine	33
Dana	23
Holly	26

How many marbles does Holly have?

How many more marbles does Ben have than Art? _____

- 9** Graham weighs 32 kilograms (kg) and his father weighs 68 kg. How much less is Graham's weight than his father's weight?

_____ kg

- 10** Write the answer in each blank.

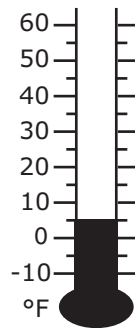
Look at this number

5,463

Which digit is in the hundreds place? _____

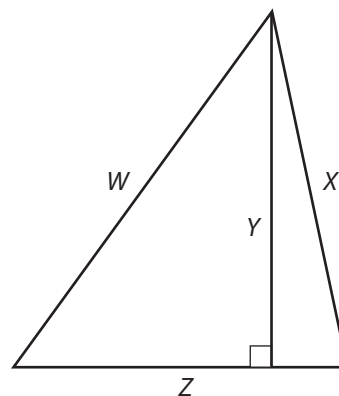
Which digit is in the ones place? _____

- 11** What is the temperature?



_____ °F

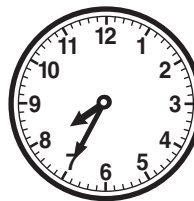
- 12** Write the correct letter in the blank.



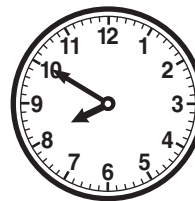
Height of the triangle = _____

- 13** How long does the train run?

Start



Stop



_____ hours _____ minutes

- 14** Rick has 2 quarters, 3 dimes, and 2 pennies in his pocket. If he pulls out one coin without looking, what type of coin is he most likely to pull out?

- 15** Write the answer in each blank.

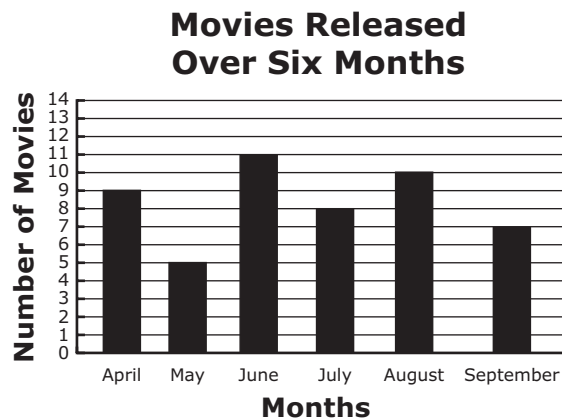
Of these numbers

2,377 2,009 2,213 2,142

_____ is the largest

_____ is the smallest

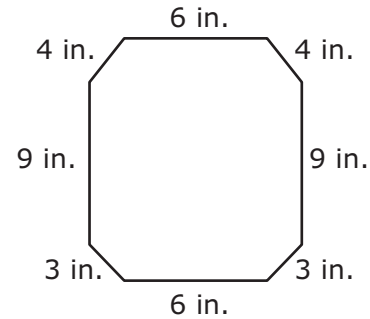
- 16** Use the graph to answer the questions.



How many movies were released in July?

- 17** Mary has to solve problems on three math assignments. The assignments contain 24, 17, and 31 math problems. Mary has already solved 16 math problems. How many more math problems does she need to solve?

- 18** What is the perimeter of this shape?



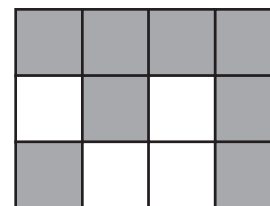
_____ in.

- 19** Which shape below is a quadrilateral?



- 20** Write four hundreds two tens nine ones as a number.

- 21** What is the area of the shaded region?



= 4 sq units

_____ sq units

- 22** Write eight thousand four hundred sixty-three as a number.

- 23** Write the correct letter in the blank.

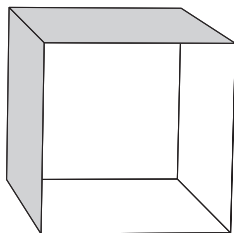
June						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Last day of school

What day of the week is the first day after school ends?

- A Monday
B Thursday
C Tuesday

- 24** What is the fraction of the shaded faces on this solid?

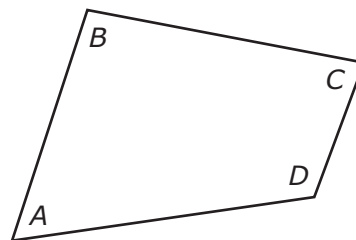


- 25** There are 4 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 87 meters (m). Round the height of the building to the nearest tens place.

_____ m

- 27** Is $\angle D$ larger or smaller than a right angle?



- 28** A math book contains 128 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single CD is \$1.99. Estimate to the nearest whole number the cost of 10 CDs.

\$ _____

Student:

Teacher:

Date:

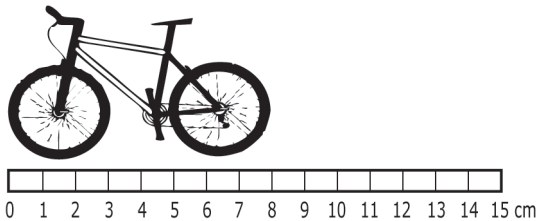
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 28 Answer Key

Item No.	Answer	Correct	Incorrect
1.	6	1	0
2.	$\frac{11}{23}, \frac{8}{15}$	1	0
3.	25, 27	1	0
4.	$\frac{5}{8}$	1	0
5.	1.50	1	0
6.	4, 8, 5	1	0
7.	2, 0	3	0
8.	26, 4	1	0
9.	36	1	0
10.	4, 3	1	0
11.	5	1	0
12.	Y	3	0
13.	0, 15	3	0
14.	dime	1	0
15.	2,377; 2,009	1	0
16.	8	1	0
17.	56	2	0
18.	44	1	0
19.	C	2	0
20.	429	1	0
21.	32	3	0
22.	8,463	1	0
23.	C	1	0
24.	$\frac{2}{6}$ or $\frac{1}{3}$	2	0
25.	8	2	0
26.	90	2	0
27.	larger	3	0
28.	100	2	0
29.	20	2	0

Total

1 How long is the bicycle?



_____ cm

2 Write the fraction when:

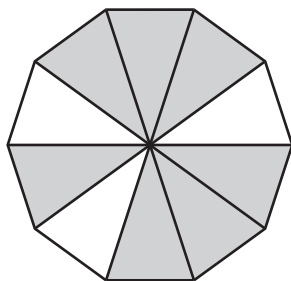
2 is the numerator and 29 is the denominator.

5 is the numerator and 27 is the denominator.

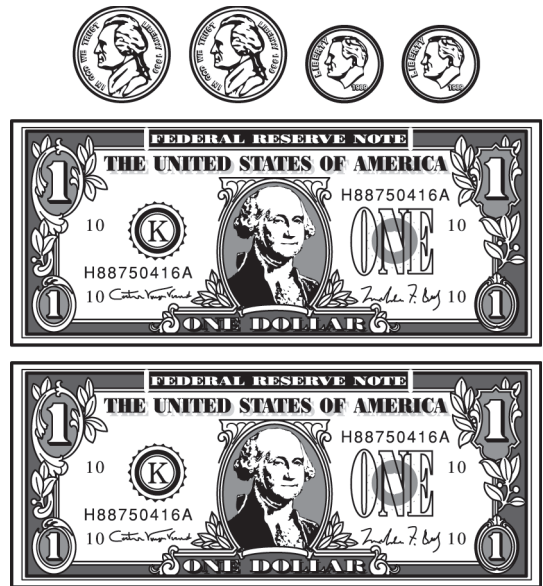
3 Complete the sequence.

31, 37, 43, _____, _____

4 Write the fraction for the shaded part.



5 How much money is pictured below?

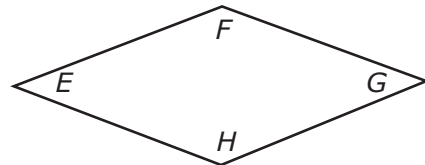


\$ _____

6 Write the correct number in each blank.

284 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Adam	50
Carl	62
Jack	48
James	63
Tom	37

How many marbles does Carl have?

How many more marbles does James have than Jack? _____

9 Roger weighs 72 kilograms (kg) and his father weighs 83 kg. How much less is Roger’s weight than his father’s weight?

_____ kg

10 Write the answer in each blank.

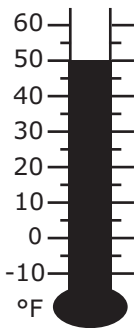
Look at this number

1,546

Which digit is in the hundreds place? _____

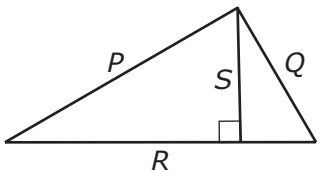
Which digit is in the ones place? _____

11 What is the temperature?



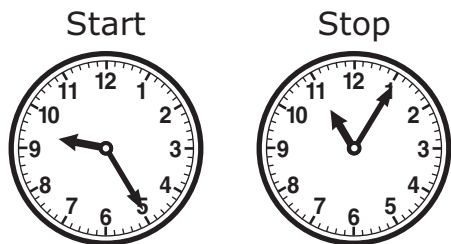
_____ °F

12 Write the correct letter in the blank.



Height of the triangle = _____

13 How long does the train run?



_____ hours _____ minutes

14 Sean has 4 quarters, 8 dimes, and 11 pennies in his pocket. If he pulls out one coin without looking, what type of coin is he most likely to pull out?

- 15** Write the answer in each blank.

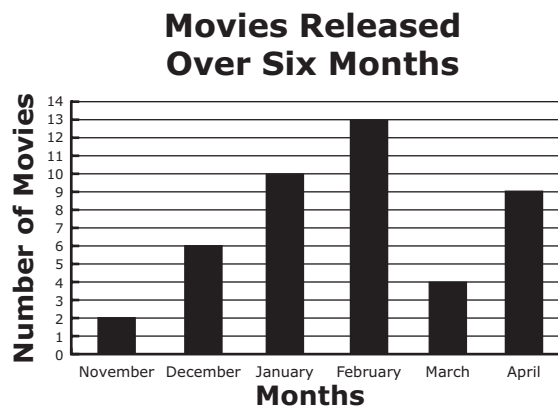
Of these numbers

6,964 6,146 6,991 6,629

_____ is the largest

_____ is the smallest

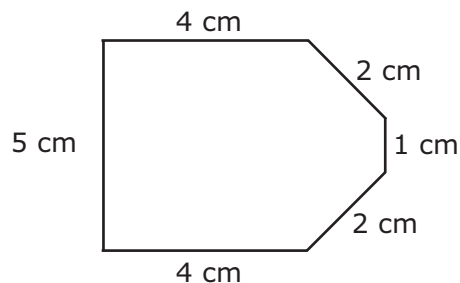
- 16** Use the graph to answer the questions.



How many movies were released in December? _____

- 17** Vivian has to solve problems on three math assignments. The assignments contain 11, 16, and 17 math problems. Vivian has already solved 12 math problems. How many more math problems does she need to solve?
- _____

- 18** What is the perimeter of this shape?



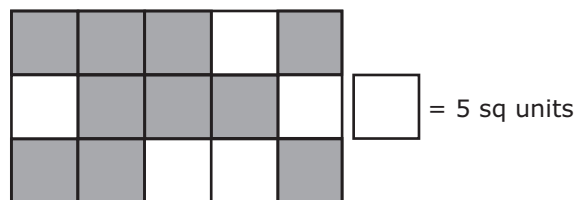
_____ cm

- 19** Which shape below has an obtuse angle?



- 20** Write four hundreds four tens four ones as a number.
- _____

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write two thousand five hundred twenty-seven as a number.

- 23** Write the correct letter in the blank.

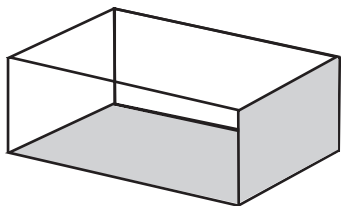
March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

First day of trip

What day of the week is the last day before the trip starts?

- A Sunday
B Tuesday
C Wednesday

- 24** What is the fraction of the shaded faces on this solid?

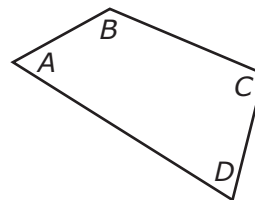


- 25** There are 9 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 176 meters (m). Round the height of the building to the nearest tens place.

_____ m

- 27** Is $\angle C$ larger or smaller than a right angle?



- 28** A math book contains 391 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single CD is \$2.99. Estimate to the nearest whole number the cost of 17 CDs.

\$ _____

Student:

Teacher:

Date:

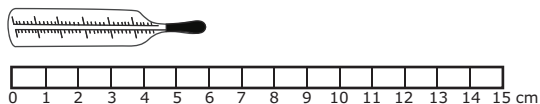
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 29 Answer Key

Item No.	Answer	Correct	Incorrect
1.	8	1	0
2.	$\frac{2}{29}, \frac{5}{27}$	1	0
3.	49, 55	1	0
4.	$\frac{7}{10}$	1	0
5.	2.30	1	0
6.	2, 8, 4	1	0
7.	2, 2	3	0
8.	62, 15	1	0
9.	11	1	0
10.	5, 6	1	0
11.	50	1	0
12.	S	3	0
13.	1, 40	3	0
14.	penny	1	0
15.	6,991; 6,146	1	0
16.	6	1	0
17.	32	2	0
18.	18	1	0
19.	C	2	0
20.	444	1	0
21.	50	3	0
22.	2,527	1	0
23.	C	1	0
24.	$\frac{2}{6}$ or $\frac{1}{3}$	2	0
25.	18	2	0
26.	180	2	0
27.	larger	3	0
28.	400	2	0
29.	51	2	0

Total

- 1 How long is the thermometer?



_____ cm

- 2 Write the fraction when:

36 is the numerator and 65 is the denominator.



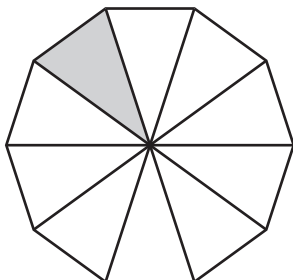
46 is the numerator and 77 is the denominator.



- 3 Complete the sequence.

9, 11, 13, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

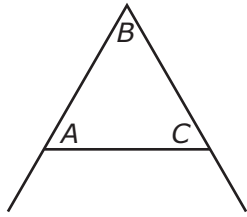


\$ _____

- 6 Write the correct number in each blank.

233 = ____ hundreds ____ tens ____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8 Use the table to answer the questions.

Name	Number of Marbles
Brian	65
Eric	72
Layla	78
Liam	59
Marian	67

How many marbles does Eric have?

How many more marbles does Brian have than Liam?_____

9 Mike weighs 63 kilograms (kg) and his father weighs 79 kg. How much less is Mike’s weight than his father’s weight?

_____ kg

10 Write the answer in each blank.

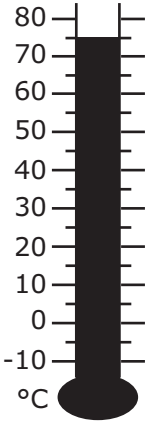
Look at this number

9,829

Which digit is in the hundreds place? _____

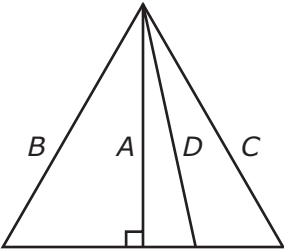
Which digit is in the ones place? _____

11 What is the temperature?



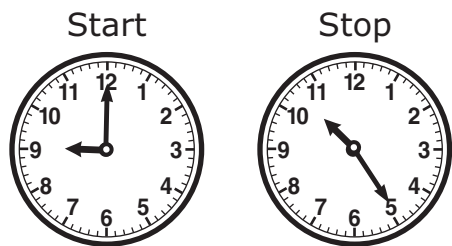
_____°C

12 Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Susie has 26 quarters, 15 dimes, and 37 nickels in her pocket. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

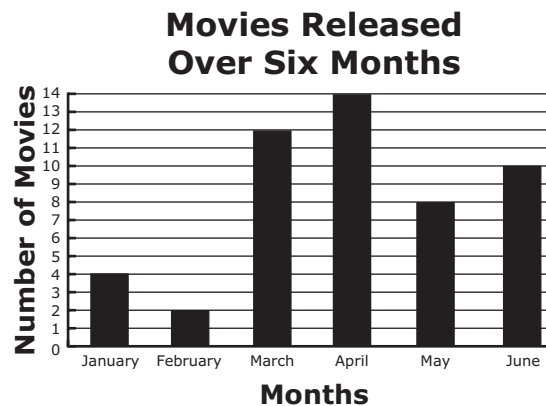
Of these numbers

8,057 8,705 8,570 8,075

_____ is the largest

_____ is the smallest

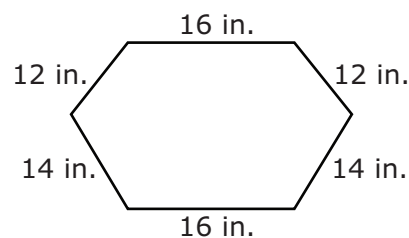
- 16** Use the graph to answer the questions.



How many movies were released in March? _____

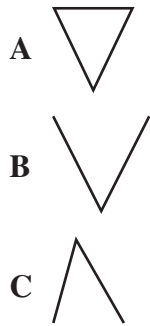
- 17** Carla has to solve problems on three math assignments. The assignments contain 59, 60, and 61 math problems. Carla has already solved 65 math problems. How many more math problems does she need to solve?

- 18** What is the perimeter of this shape?



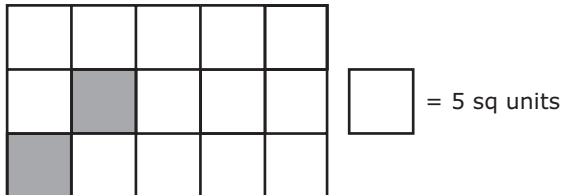
_____ in.

- 19** Which shape below is a triangle?



- 20** Write nine hundreds six tens seven ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write seven thousand four hundred forty-one as a number.

- 23** Write the correct letter in the blank.

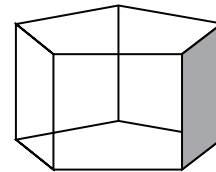
February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

Sport Day

What day of the week is the second day after Sport Day?

- A Tuesday
B Wednesday
C Monday

- 24** What is the fraction of the shaded faces on this solid?

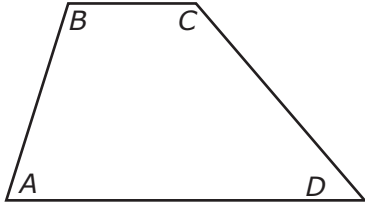


- 25** There are 32 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 191 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle B$ larger or smaller than a right angle?



- 28** A math book contains 310 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$2.98. Estimate to the nearest whole number the cost of 16 DVDs.

\$_____

Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 30 Answer Key

Item No.	Answer	Correct	Incorrect
1.	6	1	0
2.	$\frac{36}{65}, \frac{46}{77}$	1	0
3.	15, 17	1	0
4.	$\frac{1}{10}$	1	0
5.	3.60	1	0
6.	2, 3, 3	1	0
7.	1, 3	3	0
8.	72, 6	1	0
9.	16	1	0
10.	8, 9	1	0
11.	75	1	0
12.	A	3	0
13.	1, 25	3	0
14.	nickel	1	0
15.	8,705; 8,057	1	0
16.	12	1	0
17.	115	2	0
18.	84	1	0
19.	A	2	0
20.	967	1	0
21.	10	3	0
22.	7,441	1	0
23.	B	1	0
24.	$\frac{1}{7}$	2	0
25.	64	2	0
26.	190	2	0
27.	larger	3	0
28.	300	2	0
29.	48	2	0

Total

- 1 How long is the thermometer?



_____ cm

- 2 Write the fraction when:

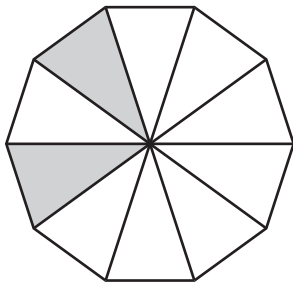
67 is the numerator and 38 is the denominator.

79 is the numerator and 48 is the denominator.

- 3 Complete the sequence.

9, 13, 17, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

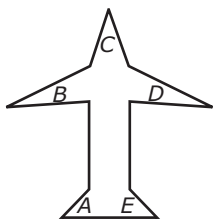


\$ _____

- 6 Write the correct number in each blank.

247 = ____ hundreds ____ tens ____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8

Use the table to answer the questions.

Name	Number of Marbles
Brian	68
Eric	75
Layla	81
Liam	62
Marian	65

How many marbles does Eric have?

How many more marbles does Brian have than Liam? _____

9

Frank weighs 64 kilograms (kg) and his father weighs 78 kg. How much less is Frank's weight than his father's weight?

_____ kg

10

Write the answer in each blank.

Look at this number

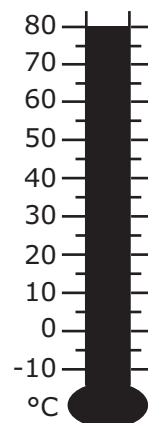
3,594

Which digit is in the hundreds place? _____

Which digit is in the ones place? _____

11

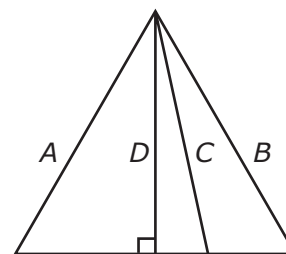
What is the temperature?



_____ °C

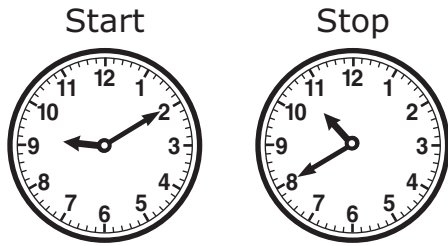
12

Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Marla has 19 pennies, 40 dimes, and 28 nickels in her piggy bank. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

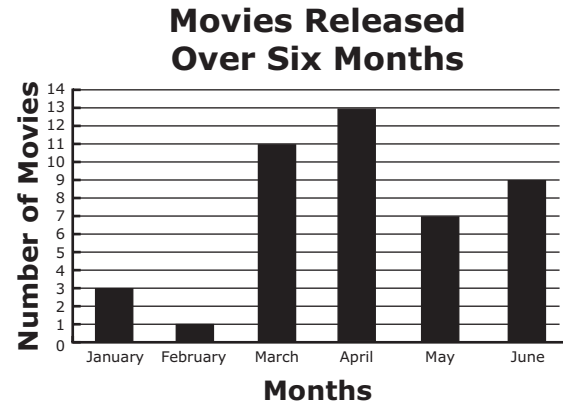
Of these numbers

6,123 6,744 7,471 4,484

_____ is the largest

_____ is the smallest

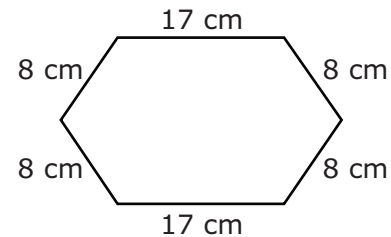
- 16** Use the graph to answer the questions.



How many movies were released in April?

- 17** Mariah has to read three chapters from a book. The chapters contain 16, 10, and 12 pages. Mariah has already read 6 pages. How many more pages does she need to read?

- 18** What is the perimeter of this shape?



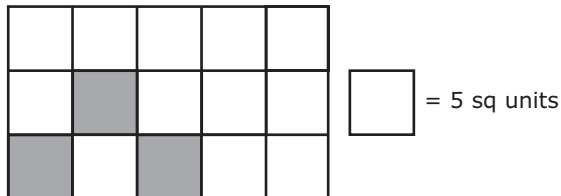
_____ cm

- 19** Which shape below is a triangle?



- 20** Write nine hundreds seven tens eight ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write seven thousand five hundred fifty-five as a number.

- 23** Write the correct letter in the blank.

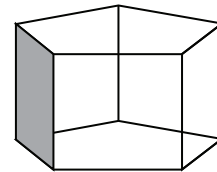
February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

Peter's Wedding

What day of the week is the first day after Peter's wedding?

- A Sunday
B Wednesday
C Thursday

- 24** What is the fraction of the shaded faces on this solid?

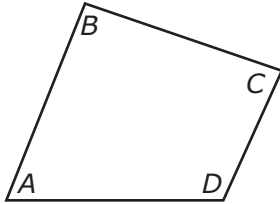


- 25** There are 33 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 199 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle C$ larger or smaller than a right angle?



- 28** A math book contains 70 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$5.90. Estimate to the nearest whole number the cost of 16 DVDs.

\$_____

Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 31 Answer Key

Item No.	Answer	Correct	Incorrect
1.	7	1	0
2.	$\frac{67}{38}, \frac{79}{48}$	1	0
3.	21, 25	1	0
4.	$\frac{2}{10}$ or $\frac{1}{5}$	1	0
5.	3.30	1	0
6.	2, 4, 7	1	0
7.	1, 5	3	0
8.	75, 6	1	0
9.	14	1	0
10.	5, 4	1	0
11.	80	1	0
12.	D	3	0
13.	1, 30	3	0
14.	dime	1	0
15.	7,471; 4,484	1	0
16.	13	1	0
17.	32	2	0
18.	66	1	0
19.	C	2	0
20.	978	1	0
21.	15	3	0
22.	7,555	1	0
23.	B	1	0
24.	$\frac{1}{7}$	2	0
25.	66	2	0
26.	200	2	0
27.	smaller	3	0
28.	100	2	0
29.	96	2	0

Total

- 1 How long is the thermometer?



_____ cm

- 2 Write the fraction when:

35 is the numerator and 64 is the denominator.



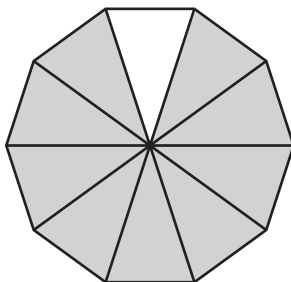
45 is the numerator and 76 is the denominator.



- 3 Complete the sequence.

6, 14, 22, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

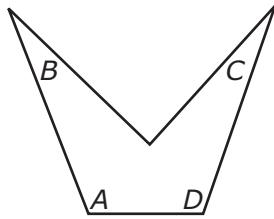


\$ _____

- 6 Write the correct number in each blank.

217 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8

Use the table to answer the questions.

Name	Number of Marbles
Brian	63
Eric	70
Layla	76
Liam	57
Marian	65

How many marbles does Eric have?

How many more marbles does Brian have than Liam? _____

9

Don weighs 62 kilograms (kg) and his father weighs 80 kg. How much less is Don’s weight than his father’s weight?

_____ kg

10

Write the answer in each blank.

Look at this number

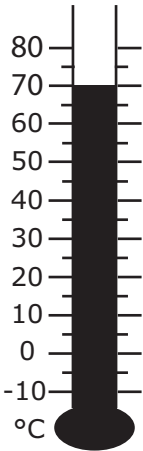
2,145

Which digit is in the hundreds place? _____

Which digit is in the ones place? _____

11

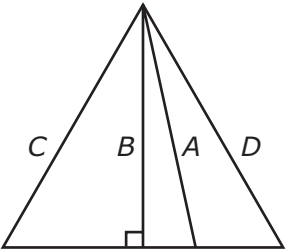
What is the temperature?



_____ °C

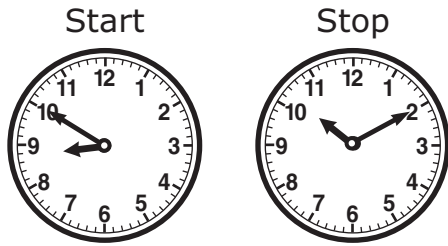
12

Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Farrah has 22 quarters, 23 dimes, and 24 nickels in her pocket. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

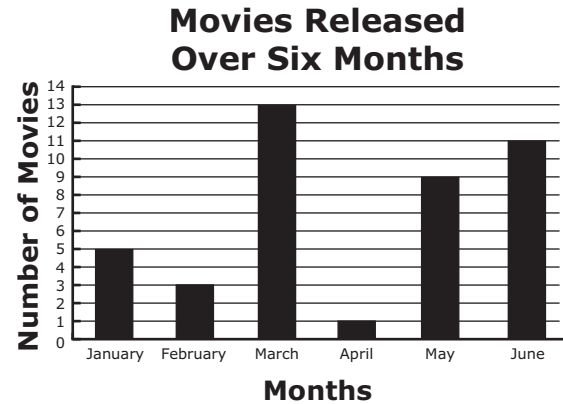
Of these numbers

7,056 7,605 7,560 7,065

_____ is the largest

_____ is the smallest

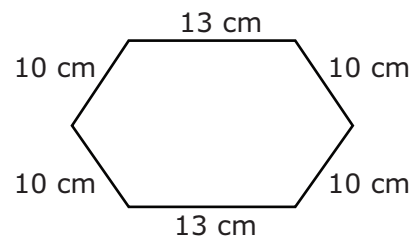
- 16** Use the graph to answer the questions.



How many movies were released in June? _____

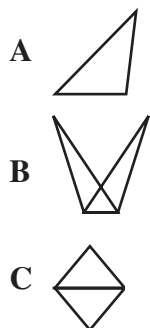
- 17** Maya has to solve problems on three math assignments. The assignments contain 57, 58, and 56 math problems. Maya has already solved 60 math problems. How many more math problems does she need to solve?

- 18** What is the perimeter of this shape?



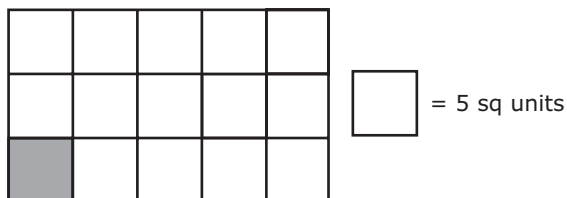
_____ cm

- 19** Which shape below is a triangle?



- 20** Write nine hundreds five tens six ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write seven thousand three hundred thirty-four as a number.

- 23** Write the correct letter in the blank.

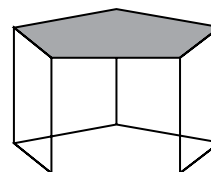
February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
(15)	16	17	18	19	20	21
22	23	24	25	26	27	28

School parade

What day of the week is the first day after the school parade?

- A Friday
B Wednesday
C Monday

- 24** What is the fraction of the shaded faces on this solid?

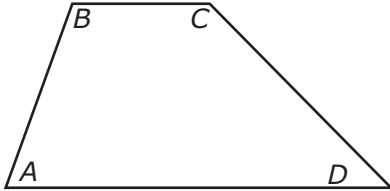


- 25** There are 31 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 185 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle A$ larger or smaller than a right angle?



- 28** A math book contains 160 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$3.98. Estimate to the nearest whole number the cost of 15 DVDs.

\$_____

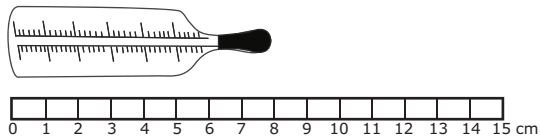
Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 32 Answer Key

Item No.	Answer	Correct	Incorrect
1.	7	1	0
2.	$\frac{35}{64}, \frac{45}{76}$	1	0
3.	30, 38	1	0
4.	$\frac{9}{10}$	1	0
5.	2.30	1	0
6.	2, 1, 7	1	0
7.	1, 2	3	0
8.	70, 6	1	0
9.	18	1	0
10.	1, 5	1	0
11.	70	1	0
12.	B	3	0
13.	1, 20	3	0
14.	nickel	1	0
15.	7,605; 7,056	1	0
16.	11	1	0
17.	111	2	0
18.	66	1	0
19.	A	2	0
20.	956	1	0
21.	5	3	0
22.	7,334	1	0
23.	C	1	0
24.	$\frac{1}{7}$	2	0
25.	62	2	0
26.	190	2	0
27.	smaller	3	0
28.	200	2	0
29.	60	2	0

Total

- 1 How long is the thermometer?



_____ cm

- 2 Write the fraction when:

34 is the numerator and 63 is the denominator.



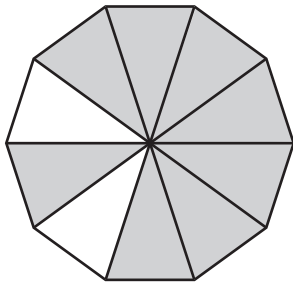
44 is the numerator and 75 is the denominator.



- 3 Complete the sequence.

6, 13, 20, _____, _____

- 4 Write the fraction for the shaded part.



- 5 How much money is pictured below?

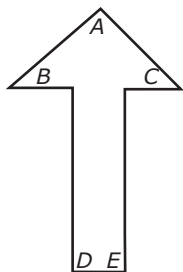


\$ _____

- 6 Write the correct number in each blank.

201 = _____ hundreds _____ tens _____ ones

7



How many lines of symmetry are there in the shape above?

Of the angles labeled above, how many are acute angles?

8

Use the table to answer the questions.

Name	Number of Marbles
Brian	60
Eric	67
Layla	73
Liam	54
Marian	62

How many marbles does Eric have? _____

How many more marbles does Layla have than Brian? _____

9

Clarke weighs 61 kilograms (kg) and his father weighs 81 kg. How much less is Clarke's weight than his father's weight?

_____ kg

10

Write the answer in each blank.

Look at this number

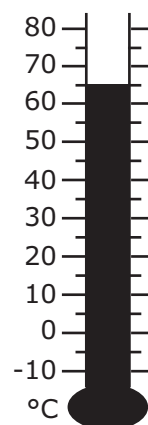
6,243

Which digit is in the hundreds place? _____

Which digit is in the ones place? _____

11

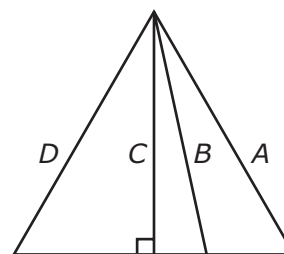
What is the temperature?



_____ °C

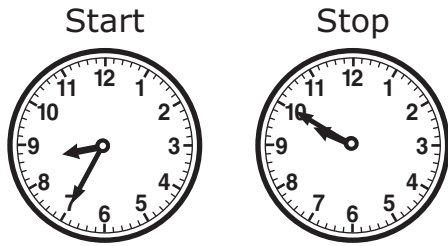
12

Write the correct letter in the blank.



Height of the triangle = _____

- 13** How long does the train run?



_____ hours _____ minutes

- 14** Jenna has 20 quarters, 21 dimes, and 19 nickels in her pocket. If she pulls out one coin without looking, what type of coin is she most likely to pull out?

- 15** Write the answer in each blank.

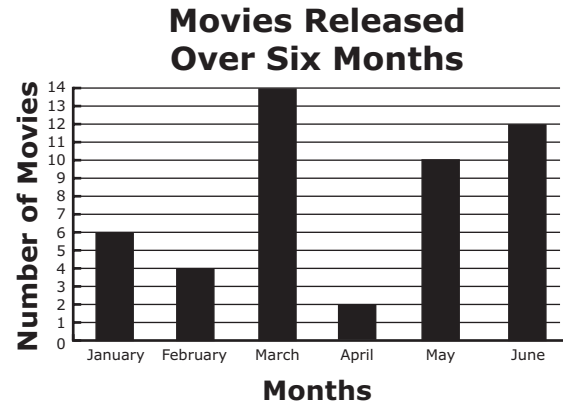
Of these numbers

2,056 2,605 2,560 2,065

_____ is the largest

_____ is the smallest

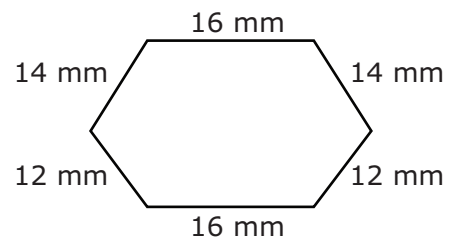
- 16** Use the graph to answer the questions.



How many movies were released in January?

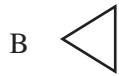
- 17** Kristie has to solve problems on three math assignments. The assignments contain 55, 53, and 54 math problems. Kristie has already solved 50 math problems. How many more math problems does she need to solve?

- 18** What is the perimeter of this shape?



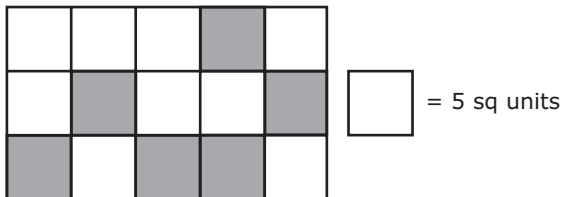
_____ mm

- 19** Which shape below is a triangle?



- 20** Write nine hundreds four tens five ones as a number.

- 21** What is the area of the shaded region?



_____ sq units

- 22** Write seven thousand two hundred twenty-five as a number.

- 23** Write the correct letter in the blank.

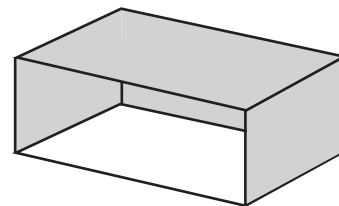
March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Last Day of Dance Competition

What day of the week is the second day after the dance competition ends?

- A Monday
B Thursday
C Friday

- 24** What is the fraction of the shaded faces on this solid?

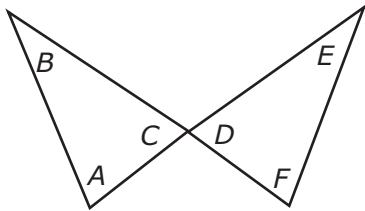


- 25** There are 30 birds in a cage. How many feet are there in the cage?

- 26** The height of a building is 179 feet (ft). Round the height of the building to the nearest tens place.

_____ ft

- 27** Is $\angle A$ larger or smaller than a right angle?



- 28** A math book contains 355 pages. Rounded to the nearest hundreds place, how many pages does the math book contain?

- 29** The cost of a single DVD is \$5.95. Estimate to the nearest whole number the cost of 14 DVDs.

\$ _____

Reminder: There is **no** partial credit when scoring. The answer must be correct **in its entirety** to obtain the correct score value. If any part of a multi-part question is incorrect, the score is zero.

Grade 3, Probe 33 Answer Key

Item No.	Answer	Correct	Incorrect
1.	8	1	0
2.	$\frac{34}{63}, \frac{44}{75}$	1	0
3.	27, 34	1	0
4.	$\frac{8}{10}$ or $\frac{4}{5}$	1	0
5.	2.55	1	0
6.	2, 0, 1	1	0
7.	1, 2	3	0
8.	67, 13	1	0
9.	20	1	0
10.	2, 3	1	0
11.	65	1	0
12.	C	3	0
13.	1, 15	3	0
14.	dime	1	0
15.	2,605, 2,056	1	0
16.	6	1	0
17.	112	2	0
18.	84	1	0
19.	B	2	0
20.	945	1	0
21.	30	3	0
22.	7,225	1	0
23.	A	1	0
24.	$\frac{4}{6}$ or $\frac{2}{3}$	2	0
25.	60	2	0
26.	180	2	0
27.	smaller	3	0
28.	400	2	0
29.	84	2	0

Total