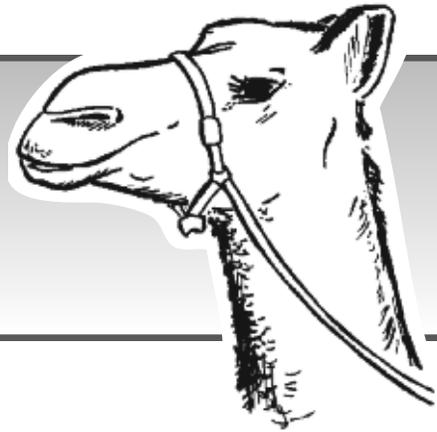


5

A camel's long eyelashes keep dust out of its eyes.



- Count by 25's to 500.**
- Count backward by 1's from 67 to 38.**



- Practice your H and \times I flash cards for 5 minutes.**
- Do Speed Drill 5 on page 80.**



- Record your score in the graph on page 77.**



Ask your teacher for Quiz 1.



Just for Fun

Roman Numerals for Ones

Roman numerals are a different way of writing numbers.

Put Roman numerals together to write numbers for the first nine digits.

Roman numerals for the first nine digits start with I or V.

$$1 = \text{I}$$

$$6 = \text{VI} (5+1)$$

$$2 = \text{II} (1+1)$$

$$7 = \text{VII} (5+1+1)$$

$$3 = \text{III} (1+1+1)$$

$$8 = \text{VIII} (5+1+1+1)$$

$$4 = \text{IV} (1 \text{ less than } 5 \text{ or } 5-1)$$

$$9 = \text{IX} (1 \text{ less than } 10 \text{ or } 10-1)$$

$$5 = \text{V}$$

The Roman numeral for 4 has the **I** before the **V**.
The Roman numeral 9 has **I** before **X**. An **I** before a **V**
or **X** means 1 less.

Write an addition or subtraction sentence for each Roman numeral.

The first two are done for you.

$$1. \text{ VII} = \underline{5 + 1 + 1 = 7}$$

$$2. \text{ IV} = \underline{5 - 1 = 4}$$

$$3. \text{ IX} = \underline{10 - 1 = 9}$$

$$4. \text{ VIII} = \underline{5 + 1 + 1 + 1 = 8}$$

$$5. \text{ III} = \underline{1 + 1 + 1 = 3}$$

$$6. \text{ VI} = \underline{5 + 1 = 6}$$

$$7. \text{ II} = \underline{1 + 1 = 2}$$

6

The world's largest bird is the ostrich.



Count forward and backward by 10's from 6 to 126.

Read these numbers to your teacher:

3,079 6,032 1,013 9,009 8,031 5,034



Practice your G and $\times 0$ flash cards for 5 minutes.

Do Speed Drill 6 on page 80.



Record your score on page 77.

Borrow From Hundreds

NEW

STEP 1 Subtract the ones column.

$$8 - 3 = 5$$

$$\begin{array}{r} 628 \\ -233 \\ \hline 5 \end{array}$$

STEP 2 In the tens column, 3 is bigger than 2. 2 must borrow 1 hundred from 6 hundreds.

$$6 - 1 = 5$$

Cross out the 6 and write 5.

Write the 1 beside the 2 to make 12 tens.

$$\begin{array}{r} 5 \quad 1 \\ \cancel{6} 2 8 \\ -233 \\ \hline 95 \end{array}$$

Subtract the tens column.

$$12 - 3 = 9$$

NEW

STEP 3 Subtract the hundreds column.

$$5 - 2 = 3$$

$$\begin{array}{r} 5 \cancel{6} 2 8 \\ - 2 3 3 \\ \hline 3 9 5 \end{array}$$

Hint: If the bottom is bigger — borrow.

Solve the problems. Borrow from the hundreds.

Ask your teacher to watch you do the first two.

$$\begin{array}{r} 1. \quad 3 \cancel{4} 1 8 \\ - 1 3 3 \\ \hline 2 8 5 \end{array}$$

$$\begin{array}{r} 8 \cancel{9} 3 5 \\ - 3 9 4 \\ \hline 5 4 1 \end{array}$$

$$\begin{array}{r} 2 \cancel{3} 2 5 \\ - 1 6 5 \\ \hline 1 6 0 \end{array}$$

$$\begin{array}{r} 7 \cancel{8} 4 9 \\ - 6 9 2 \\ \hline 1 5 7 \end{array}$$

$$\begin{array}{r} 6 \cancel{7} 0 5 \\ - 3 4 5 \\ \hline 3 6 0 \end{array}$$

We Remember



2. At Lakeview Zoo, a pair of ostriches took turns setting on a nest of 10 eggs. All 10 eggs hatched, but later 2 of the little ostriches died. How many ostriches were in the pen then?



Solution Add the pair of ostriches with the baby ostriches.

$$\begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array}$$

Subtract the ostriches that died.

$$\begin{array}{r} 12 \\ - 2 \\ \hline 10 \end{array}$$

10 ostriches

Lesson 6

3.	$\begin{array}{r} \\ 46 \\ + 37 \\ \hline 83 \end{array}$	$\begin{array}{r} \$5.78 \\ - 3.56 \\ \hline \$2.22 \end{array}$	$\begin{array}{r} \\ \$2.35 \\ + .15 \\ \hline \$2.50 \end{array}$	$\begin{array}{r} \$.44 \\ + .25 \\ \hline \$.69 \end{array}$	$\begin{array}{r} \\ 383 \\ + 460 \\ \hline 843 \end{array}$	$\begin{array}{r} \\ 37 \\ 52 \\ + 7 \\ \hline 96 \end{array}$
----	---	--	--	---	--	--

Write the number that is halfway between the tens.

4. 10 15 20

5. 60 65 70

6. 70 75 80

Write >, <, or = .

7. 13 4 + 9

8. 15 8 + 5

9. 17 - 9 8

Write the numbers.

10. two thousand fifty-four 2,054

11. five thousand thirty-eight 5,038

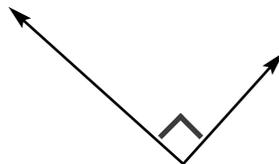
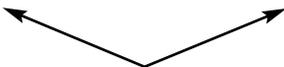
Count the tally marks.

12.   = 9

    = 17

Mark the right angle.

13.



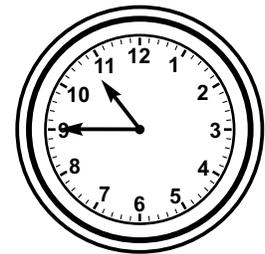
Multiply.

14. $\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$ $\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$ $\begin{array}{r} 2 \\ \times 0 \\ \hline 0 \end{array}$ $\begin{array}{r} 0 \\ \times 3 \\ \hline 0 \end{array}$ $\begin{array}{r} 71 \\ \times 1 \\ \hline 71 \end{array}$ $\begin{array}{r} 71 \\ \times 0 \\ \hline 0 \end{array}$ $\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$ $\begin{array}{r} 6 \\ \times 0 \\ \hline 0 \end{array}$ $\begin{array}{r} 0 \\ \times 7 \\ \hline 0 \end{array}$



15. Miss Mary and her students found a shady spot to rest at 10:45. They spent 10 minutes resting. What time was it when they went on to see more animals?

10:55



+9

16. $\begin{array}{r} 6 \\ + 9 \\ \hline 15 \end{array}$ $\begin{array}{r} 8 \\ + 9 \\ \hline 17 \end{array}$ $\begin{array}{r} 9 \\ + 3 \\ \hline 12 \end{array}$ $\begin{array}{r} 4 \\ + 9 \\ \hline 13 \end{array}$ $\begin{array}{r} 9 \\ + 2 \\ \hline 11 \end{array}$ $\begin{array}{r} 7 \\ + 9 \\ \hline 16 \end{array}$ $\begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$ $\begin{array}{r} 9 \\ + 9 \\ \hline 18 \end{array}$

Answer the questions. Don't forget to use the little circle for *degrees*.

17. What is the Celsius temperature?

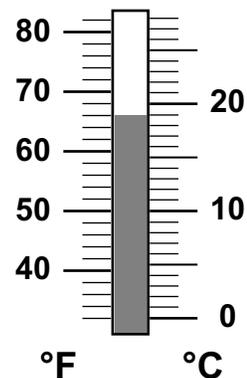
19°C

18. What is the Fahrenheit temperature?

66°F

19. At what temperature does water freeze?

0°C 32°F



Lesson 6

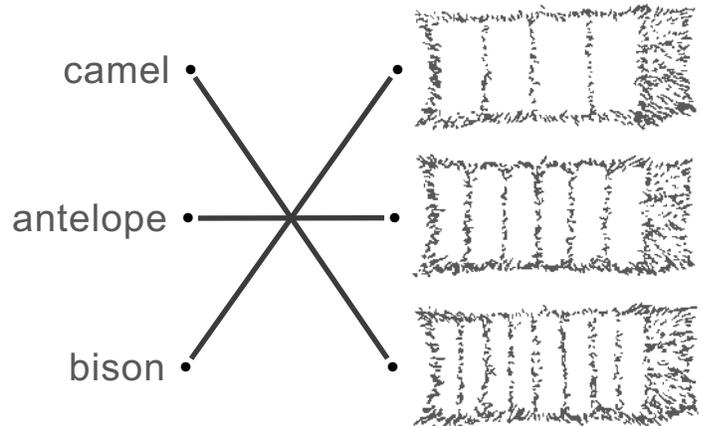
Write true or false.

20. Elephants can fly. false

21. There are 60 minutes in an hour. true

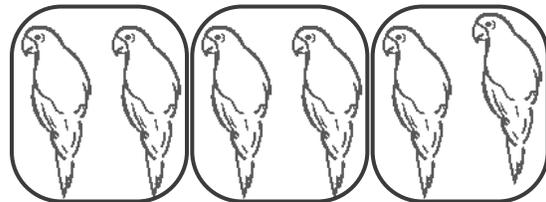
Match to show the bales a zoo worker fed the different animals.

22. Dick divided a bale of alfalfa hay into fourths to feed the bison. He divided another bale into eighths to feed the camel. He divided a third bale into sixths to feed the antelope.



How many is $\frac{1}{3}$ of six parrots?

23. 2 parrots



Write the amounts of money. Use the dollar sign.

24. ten dollars and four cents \$10.04

25. eighty-four cents \$.84

26. thirty-eight dollars \$38.00

7

A tiger is the largest member of the cat family.



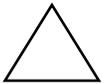
Count by 10's from 153 to 243.

Count by 1's from 990 to 1,020.



Practice your F and $\times 10$ flash cards for 5 minutes.

Do Speed Drill 7 on page 81.



Record your score on page 77.

Multiply by 10

NEW

One way to find the product when multiplying by 10 is to count by 10's.

Here is the 10's multiplication table. When multiplying by 10, the ones place of the product is always zero.

$10 \times 0 = 0$

$10 \times 4 = 40$

$10 \times 8 = 80$

$10 \times 1 = 10$

$10 \times 5 = 50$

$10 \times 9 = 90$

$10 \times 2 = 20$

$10 \times 6 = 60$

$10 \times 10 = 100$

$10 \times 3 = 30$

$10 \times 7 = 70$

NEW

Lesson 7



Skip count by 10's to find the products.

Change the order of the factors to write the twin multiplication fact.

1. $10 \times 1 = \underline{10}$

$\underline{1 \times 10 = 10}$

2. $10 \times 2 = \underline{20}$

$\underline{2 \times 10 = 20}$

3. $10 \times 3 = \underline{30}$

$\underline{3 \times 10 = 30}$

4. $10 \times 4 = \underline{40}$

$\underline{4 \times 10 = 40}$

5. $10 \times 5 = \underline{50}$

$\underline{5 \times 10 = 50}$

6. $10 \times 6 = \underline{60}$

$\underline{6 \times 10 = 60}$

7. $10 \times 7 = \underline{70}$

$\underline{7 \times 10 = 70}$

8. $10 \times 8 = \underline{80}$

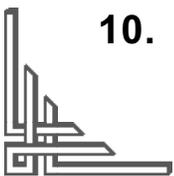
$\underline{8 \times 10 = 80}$

9. $10 \times 9 = \underline{90}$

$\underline{9 \times 10 = 90}$

10. $10 \times 10 = \underline{100}$

$\underline{10 \times 10 = 100}$

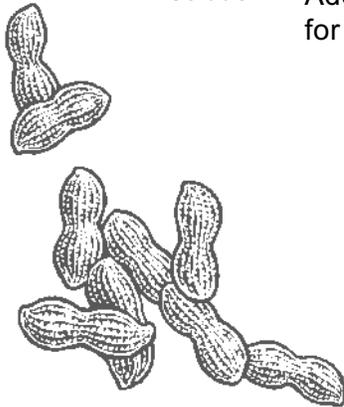


 **We Remember**



11. James spent \$.25 for peanuts to feed the monkeys. He paid \$.50 for a pencil with tigers on it. He had started with \$3.97. How much money does he have now?

\$3.22



Solution Add the money he spent for the peanuts and pencil.

$$\begin{array}{r} \$.25 \\ +.50 \\ \hline \$.75 \end{array}$$

Subtract the amount he spent from the amount he had at the beginning of the day.

$$\begin{array}{r} \$3.97 \\ - .75 \\ \hline \$3.22 \end{array}$$

12.

5 8 7	7 5	5 6	1 6 3	3	4
- 3 4 0	+ 2 8	+ 3 4	+ 4 9 3	5	5
<u>247</u>	<u>103</u>	<u>90</u>	<u>656</u>	<u>14</u>	<u>13</u>

Multiply.

13.	2	10	2	2	7	9	2	8	4
	× 1	× 2	× 6	× 3	× 2	× 2	× 5	× 2	× 2
	<u>2</u>	<u>20</u>	<u>12</u>	<u>6</u>	<u>14</u>	<u>18</u>	<u>10</u>	<u>16</u>	<u>8</u>



Fill in the blanks.

21. 1 year = 12 months

22. 1 day = 24 hours

23. 1 hour = 60 minutes

24. 1 week = 7 days

25.
$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

26.
$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

Copy and solve.

27.
$$\begin{array}{r} 86 \\ - 43 \\ \hline 43 \end{array}$$

$$\begin{array}{r} 324 \\ + 50 \\ \hline 374 \end{array}$$

$$\begin{array}{r} 989 \\ - 35 \\ \hline 954 \end{array}$$

$$\begin{array}{r} 86 \\ + 2 \\ \hline 88 \end{array}$$

Look at the calendar to answer the questions.

28. What month does this calendar show?

February

29. How many days are in February?

28

30. Which days come on Saturday?

Write their numbers.

3 10 17 24

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			