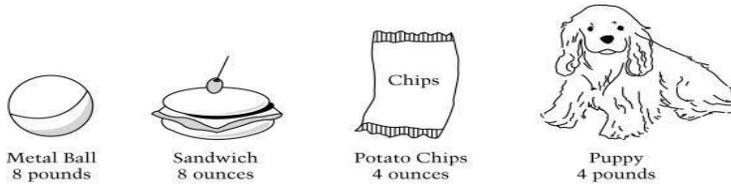


Measurement and Data

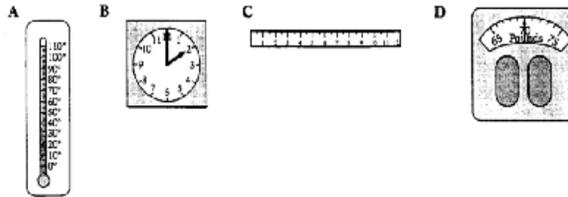
Set 1

Daily Practice Items And Answer Keys



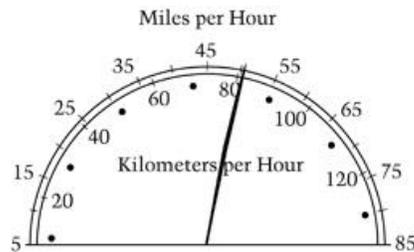
1. In the figure above, which object is heaviest?

- A) The metal ball
- B) The sandwich
- C) The bag of potato chips
- D) The puppy



2. Which of these instruments best measures each of the following?

- | | | | | |
|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|
| (a) Length | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |
| (b) Temperature | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |
| (c) Weight | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |

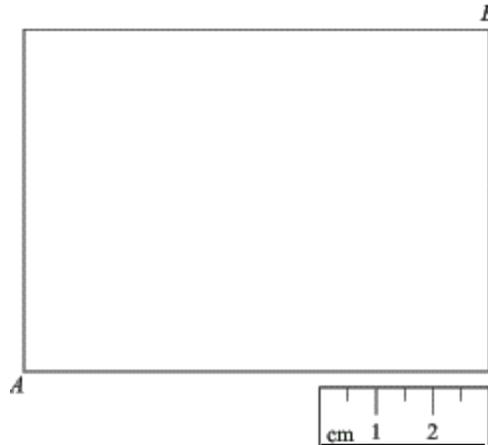


3. The speedometer shows how fast Dale is driving. If the speed limit is 55 miles per hour (mph), which of the following is true?

- A) Dale is going about 5 mph over the speed limit.
- B) Dale is going about 25 mph over the speed limit.
- C) Dale is going about 5 mph under the speed limit.
- D) Dale is going about 25 mph under the speed limit.

- Rudy takes a 2-mile walk along a nature trail. Which of the following is a reasonable amount of time for Rudy to take to walk the trail? Explain your reasoning.

A) 60 seconds
B) 60 minutes
C) 60 hours
D) 60 days
- Use your centimeter ruler to make the following measurements to the nearest centimeter.



What is the length in centimeters of the diagonal from A to B?
Answer:

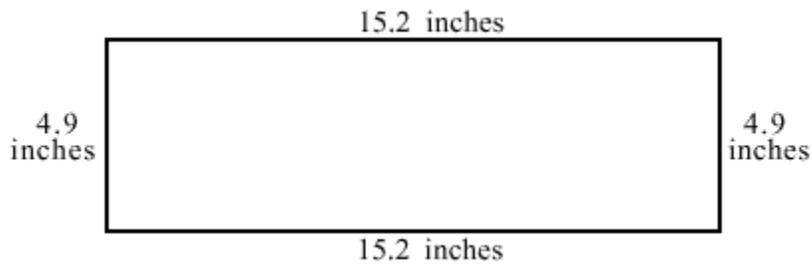
- The start and end times of three baseball games are listed in the table below.

BASEBALL GAME TIMES

GAME	START TIME	END TIME
1	7:05 P.M.	7:55 P.M.
2	7:55 P.M.	8:45 P.M.
3	8:45 P.M.	9:35 P.M.

How long was each baseball game? Show all your work.

1. Sally is shorter than Ronnie. Sally is taller than Michael. Denise's height is between Sally's height and Ronnie's height. Who is the shortest person?
- A) Denise
 - B) Michael
 - C) Ronnie
 - D) Sally



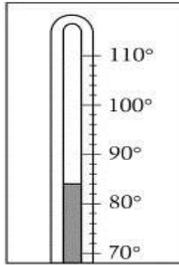
2. What is the distance around the rectangle shown above? Show all your work.

Answer:

3. A rectangular carpet is 9 feet long and 6 feet wide. What is the area of the carpet in square feet? Show all your work.
- A) 15
 - B) 27
 - C) 30
 - D) 54

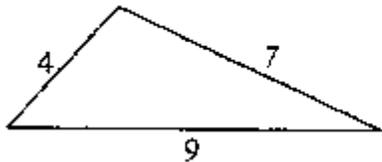
1. Which of the following is usually measured in feet?

- A) The thickness of a coin
- B) The length of a paper clip
- C) The length of a car
- D) The distance between New York City and Chicago



2. What is the temperature reading shown on the thermometer?

Answer: _____ degrees



3. If both the square and the triangle above have the same perimeter, what is the length of each side of the square? Show all your work.

- A) 4
- B) 5
- C) 6
- D) 7



Metal Ball
8 pounds



Sandwich
8 ounces

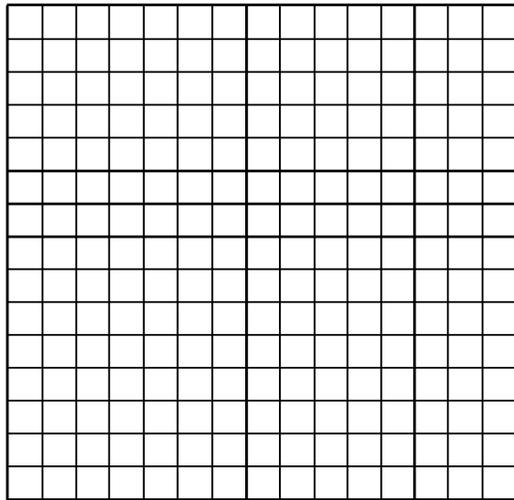


Potato Chips
4 ounces



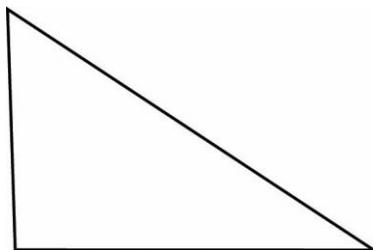
Puppy
4 pounds

1. In the figure above, which object is the lightest?
A) The metal ball
B) The sandwich
C) The bag of potato chips
D) The puppy
2. On the grid below, draw a rectangle with an area of 12 square units.



 = 1 square unit

3. Use your centimeter ruler to help you answer this question. Yvette drew the triangle shown below.



What is the distance, in centimeters, around the triangle?

Measurement

ANSWER KEY

DAY 1

Standard # 19

1. A.

Standard #19

2. **Solution:**

Note: This question is listed as a short constructed-response question. It should be considered a multiple-choice question with multiple parts.

Which of these instruments best measures each of the following?

- | | | | | |
|-----------------|------------------------------------|-------------------------|------------------------------------|------------------------------------|
| (a) Length | <input type="radio"/> A | <input type="radio"/> B | <input checked="" type="radio"/> C | <input type="radio"/> D |
| (b) Temperature | <input checked="" type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D |
| (c) Weight | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input checked="" type="radio"/> D |

Standard #20

3. C.

Measurement

ANSWER KEY

DAY 2

Standard #20

1. B.

Standard #20

2. **Solution:**

10 or 10 centimeters or 10cm

Any number between 9.9 and 10.1 inclusive is acceptable.

Standard #20

3. 50 minutes

Measurement

ANSWER KEY

DAY 3

Standard #20

1. B.

Standard #20

2. Solution:

40.2 inches or 40.2 in.
OR
40.2" or 40.2

Standard #21

3. D.

Measurement

ANSWER KEY

DAY 4

Standard #20

1. C.

Standard: Foundational

2. Solution:

84 or 84°

In this question the student needed to read the temperature from a thermometer scale with each mark representing 2 degrees.

Standard #21

3. 5.

Standard #20

1. C.

Standard #21

2. Solution:

Any rectangle with an area of 12

e.g. 1 by 12

2 by 6

3 by 4

Standard #20

3. 14 cm