

# Measurement and Data

## Set 2

### Daily Practice Items And Answer Keys

Name \_\_\_\_\_

Daily Practice – Measurement

Date \_\_\_\_\_

DAY 6

1. The perimeter of a square is 36 inches. What is the length of one side of the square? Explain your reasoning.

- A) 4 inches
- B) 6 inches
- C) 9 inches
- D) 18 inches

2. A stop sign has 8 sides of equal length. Ryan knows that the length of each side is 10 inches.

Explain how Ryan can find the perimeter (distance around) of the sign.

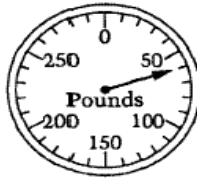
What is the perimeter of the sign? \_\_\_\_\_

3. Mark's room is 12 feet wide and 15 feet long. Mark wants to cover the floor with carpet. How many square feet of carpet does he need? Show all your work.

Answer: \_\_\_\_\_ square feet

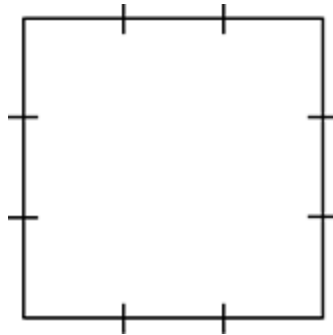
The carpet costs \$2.60 per square foot. How much will the carpet cost? Show all your work.

Answer: \$ \_\_\_\_\_



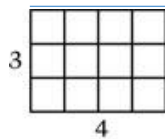
- What is the weight shown on the scale?  
 A) 6 pounds  
 B) 7 pounds  
 C) 51 pounds  
 D) 60 pounds

- The square has a perimeter of 12 units.

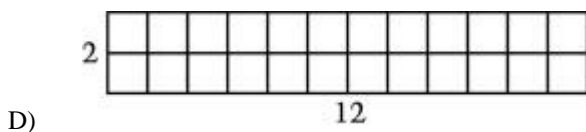
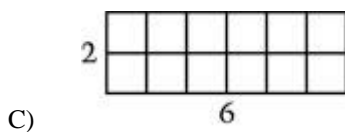
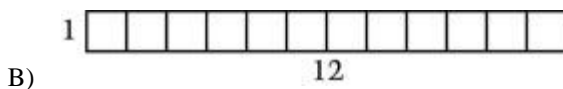
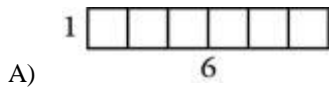


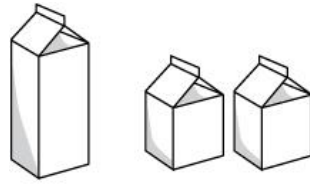
What is the area of the square? **Show all your work.**

- 6 square units
- 8 square units
- 9 square units
- 12 square units



- Which rectangle below has the same perimeter (distance around) as the rectangle above?

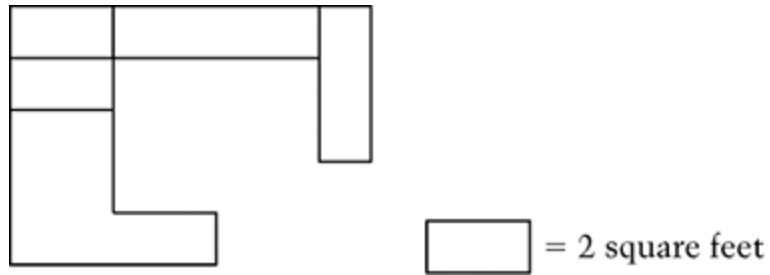




1 quart = 2 pints

1. Mr. Harper bought 3 quarts of milk. How many pints of milk is this equal to? Show all your work.

- A) 3
- B) 4
- C) 6
- D) 12



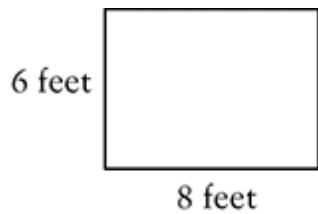
2. Which is the best estimate for the area of the figure? Explain your reasoning.

- A) Less than 10 square feet
- B) More than 10 square feet but less than 15 square feet
- C) More than 15 square feet but less than 25 square feet
- D) More than 25 square feet

3. Which of these units would be the best to use to measure the length of a school building?

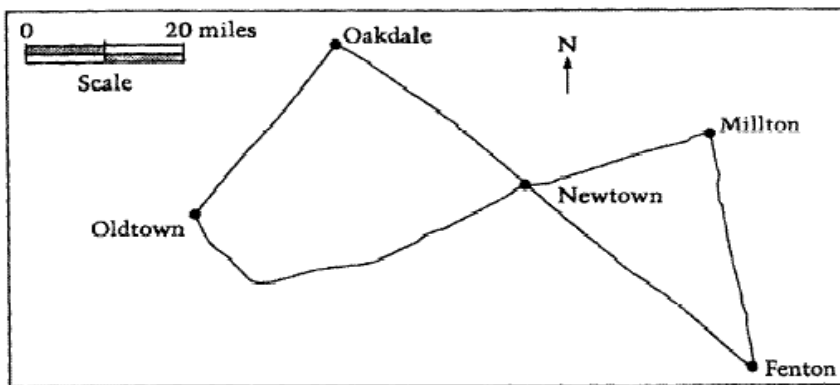
- A) Millimeters
- B) Centimeters
- C) Meters
- D) Kilometers

1. Ted went to the beach at 10:30 a.m. and came home at 2:00 p.m. How many hours was he gone? Show all your work.
- A)  $8\frac{1}{2}$
  - B)  $4\frac{1}{2}$
  - C)  $3\frac{1}{2}$
  - D)  $2\frac{1}{2}$



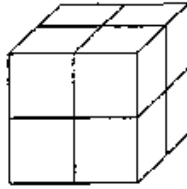
2. A teacher drew this rectangle on a playground. Sam walked around the rectangle on the lines shown. How far did Sam walk? Show all your work.
- A) 14 feet
  - B) 20 feet
  - C) 28 feet
  - D) 48 feet

3.



Based on the map above, about how many miles is the shortest route from Oakdale to Fenton? Show all your work.

- A) 100
- B) 70
- C) 40
- D) 20



1. In this figure, how many small cubes were put together to form the large cube? Explain your reasoning.

- A) 7
- B) 8
- C) 12
- D) 24

2. A measurement of 60 inches is equal to how many feet? Show all your work.  
(12 inches = 1 foot)

Answer:

3. Keefe put a cake in the oven at 12:35 P.M. He took the cake out of the oven at 1:28 P.M.  
What is the total amount of time the cake was in the oven?

Show all your work.

**Measurement****ANSWER KEY****DAY 6****Standard #21**

1. C.

**Standard #21**

2. **Solution:**

The sides are all equal. To find the perimeter add up all 8 sides or multiply 8 by 10  
(or 10 by 8)

OR

Ryan pluses all sides together.

Perimeter: 80

**Standard #21**

3. **Solution:**

Area is 180 square feet; cost is \$468.

**Measurement****ANSWER KEY****DAY 7****Standard: Foundational**

1. D.

**Standard #21**

2. C.

**Standard #21**

3. A.

**Measurement****ANSWER KEY****DAY 8****Standard #19**

1. C.

**Standard #21**

2. C.

**Standard: Foundational**

3. C.

**Measurement****ANSWER KEY****DAY 9****Standard #20**

1. C.

**Standard #21**

2. C.

**Standard #20**

3. B.

**Measurement****ANSWER KEY****DAY 10****Standard: Foundational (Reasoning)**

1. B.

**Standard #19**

2. 5 feet

$$60 \div 12 = 5 \text{ feet}$$

**Standard #20**

3. 53 minutes

$$12:35 - 1:00 = 25 \text{ minutes}$$

$$1:00 - 1:28 = 28 \text{ minutes}$$

$$25 \text{ minutes} + 28 \text{ minutes} = 53 \text{ minutes}$$