

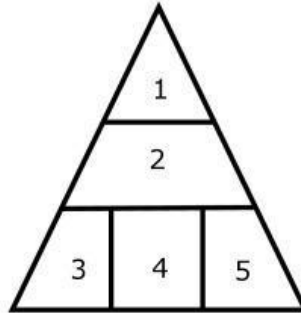
Name _____

Date _____

TEST PRACTICE Set 1

Geometry & Measurement

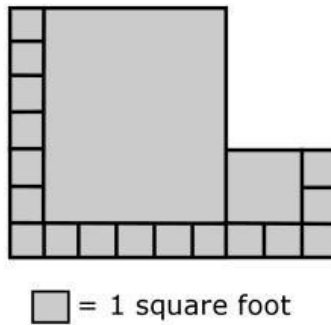
- 1** A figure is divided into 5 sections, as shown below.



Which sections are quadrilaterals?

- A** Sections 1 and 4
 - B** Sections 2, 4, and 5
 - C** Sections 3, 4, and 5
 - D** Sections 2, 3, 4, and 5
-
- 2** Mason made a rectangle using 1-inch square color tiles. His rectangle contained 5 rows with 12 tiles in each row. What is the area of Mason's rectangle in square inches?
- A** 60 square inches
 - B** 17 square inches
 - C** 510 square inches
 - D** 50 square inches

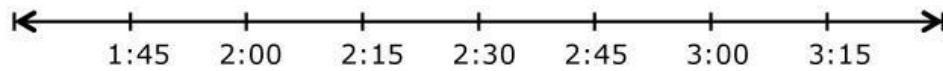
- 3** Essie planted a vegetable garden with two rectangular sections, as shown below.



What is the total area of the garden in square feet?

- A** 19 square feet
- B** 42 square feet
- C** 51 square feet
- D** 63 square feet
-
- 4** A triangle has a perimeter of 29 centimeters. Two of the sides are each 12 centimeters long. What is the length of the third side in centimeters?
- A** 24 cm
- B** 36 cm
- C** 17 cm
- D** 5 cm

- 5** Zach put a roast in the oven at 1:45 P.M. After 45 minutes he put some rolls in the oven. The roast and the rolls were in the oven together for 15 minutes then Zach took them both out.



At what time did Zach take both the roast and the rolls out of the oven?

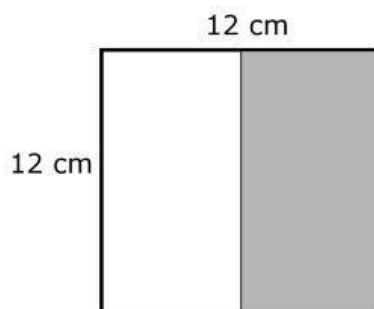
- A** 2:15 P.M.
- B** 2:45 P.M.
- C** 3:00 P.M.
- D** 3:15 P.M.
-
- 6** Lacy filled a large box with holiday gifts for her family out of state. She took it to the post office to be mailed. What unit of measurement might the post office use to determine the cost to mail the package?
- A** pounds
- B** cups
- C** quarts
- D** fluid ounces

- 7 The figures shown below can be sorted into groups.



Which statement about these figures is true?

- A There are 2 trapezoids, 1 parallelogram, and 1 rectangle
 - B They are all parallelograms
 - C They are all quadrilaterals
 - D There is 1 rectangle, 1 square, and 2 parallelograms
-
- 8 Layton folded a 12-centimeter square piece of paper in half. He shaded in one half of the paper as shown below.



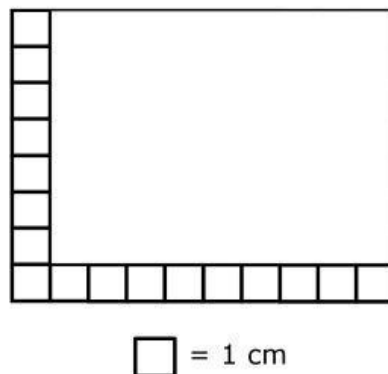
Which statement accurately describes the area of the square Layton shaded?

- A Layton shaded 144 square centimeters which is $\frac{1}{2}$ the area of the original square.
- B Layton shaded 72 square centimeters which is $\frac{1}{2}$ the area of the original square.
- C Layton shaded 36 square centimeters which is $\frac{1}{4}$ the area of the original square.
- D Layton shaded 72 square centimeters which is $\frac{1}{4}$ the area of the original square.

- 9** The nurse weighed Lenny when he went to the doctor's office for a check up. Which answer choice below describes an appropriate tool the nurse could use to weigh Lenny and a unit of measurement that describes weight?

- A** A scale is used to weigh a person and weight is given in inches.
- B** A meter stick is used to weigh a person and weight is given in feet.
- C** A scale is used to weigh a person and weight can be given in pounds.
- D** A balance is used to weigh a person and weight is given in liters.

-
- 10** Abigail is placing square centimeter tiles inside the rectangle, as shown below. How many square centimeter tiles will she need to fill the entire rectangle without any overlaps?



Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

Name _____

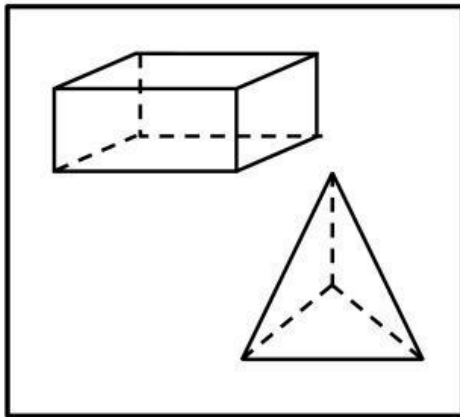
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TEST PRACTICE Set 2

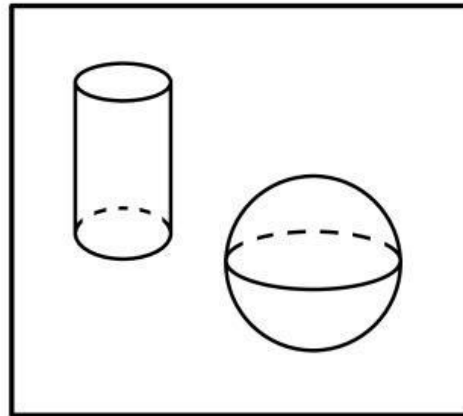
Geometry & Measurement

- 1 Figures are separated into two sets as shown below based on a common characteristic.

Set A



Set B



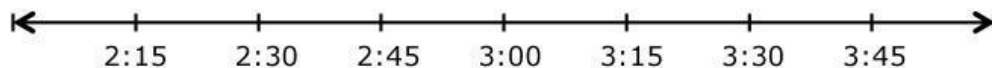
Which of these is the best description of the common characteristic of the figures in set B?

- A They have faces that are polygons.
 - B They have edges.
 - C They have no vertices.
 - D They have two bases.
-
- 2 A triangle has a perimeter of 33 centimeters. Two sides of the triangle are 12 centimeters each in length. What is the length of the third side of the triangle?
- A 9 cm
 - B 27 cm
 - C 36 cm
 - D 8 cm

- 3** A floor made up of 1-foot square tiles has four rows of tiles with 6 tiles in each row. What is the area of the floor in square feet?

A 10 square feet
B 24 square feet
C 20 square feet
D 12 square feet

-
- 4** Alicia started decorating cookies at 2:30 P.M. Bradley started helping 15 minutes after Alicia started. They decorated cookies together for 60 minutes before they finished.



At what time did they both finish decorating the cookies?

- A** 2:45 P.M.
B 3:15 P.M.
C 3:30 P.M.
D 3:45 P.M.
-
- 5** Iricel fills her water bottle every day to take to school. Which unit of measurement should Iricel use to measure the amount of water in her water bottle?
- A** pounds
B yards
C fluid ounces
D inches

- 6 A group of figures is shown below.

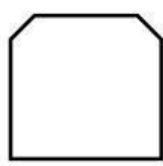


Figure 1



Figure 2

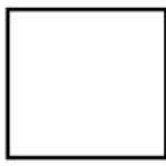


Figure 3

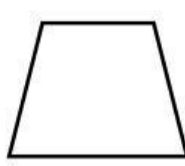


Figure 4



Figure 5

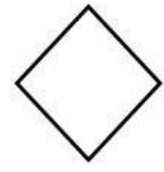
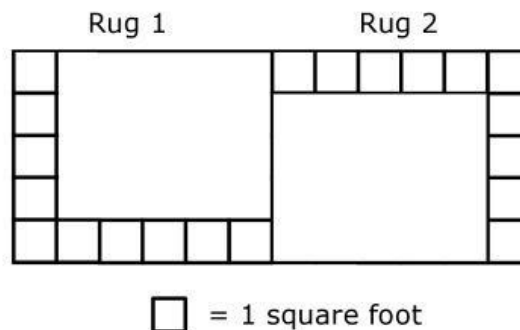


Figure 6

Which of these figures does **not** appear to be a trapezoid, rectangle, square, or rhombus?

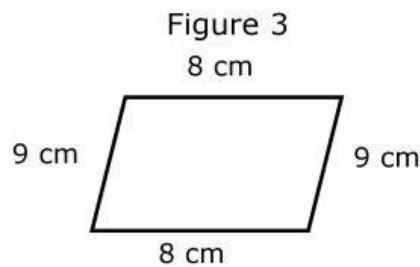
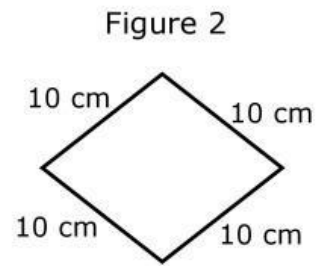
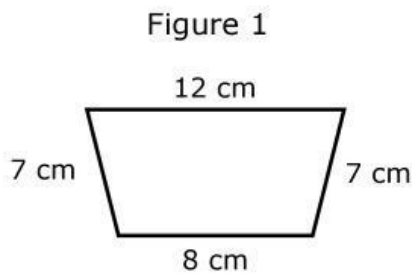
- A Figures 1 and 2
 - B Figures 1, 2, and 6
 - C Figures 2 and 6
 - D Figures 1, 2, and 4
-
- 7 Santiago pushed two rugs together to make one larger rug as shown below.



What is the total area of both rugs together?

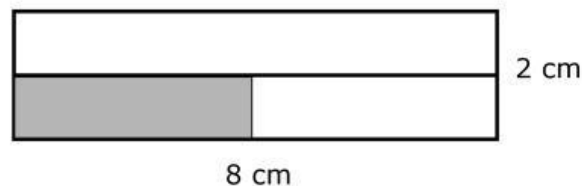
- A 17 square feet
- B 50 square feet
- C 30 square feet
- D 60 square feet

- 8** Natalie measured the figures shown below.



Which list shows all the figures that have a perimeter of 34 cm?

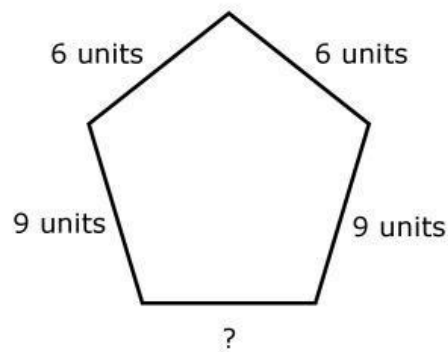
- A** Figures 1 and 3
 - B** Figure 1
 - C** Figures 2 and 3
 - D** Figures 1, 2, and 3
-
- 9** One fourth of a fraction strip is shaded as shown below.



Which statement accurately describes the area of the fraction strip that is shaded?

- A** 10 square centimeters
- B** 8 square centimeters
- C** 4 square centimeters
- D** 16 square centimeters

- 10** The lengths of four sides of a pentagon are shown below.



The perimeter of the pentagon is 36 units. What is the length of the missing side?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.