

Problem Solving Test Prep

Choose the correct answer.

1 What is the rule for the table?

Input	Output
4	14
2	8
6	20
9	29
7	23

- A. $x + 10$ C. $2x + 6$
 B. $4x - 2$ D. $3x + 2$

2 Which is the only number of juice boxes that can be packed in cartons of 2, 3, 5, 6, or 9 with no boxes left over?

- A. 800 C. 1,100
 B. 900 D. 1,400

3 Which number is NOT between the two given ones when the numbers are written in order?

999,809 and 1,001,034

- A. 1,001,019 C. 999,900
 B. 1,001,101 D. 999,810

4 Which is NOT a correct name for all the figures?

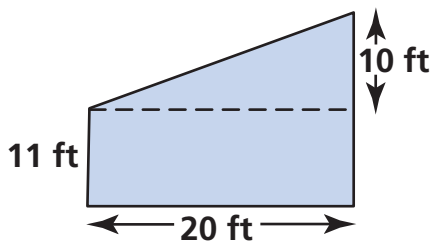


- A. polygons
 B. quadrilaterals
 C. parallelograms
 D. simple closed figures

Show What You Know

Solve each problem. Explain your answer.

5 What is the area of the figure?



6 What is the area of the shaded frame around the picture?

