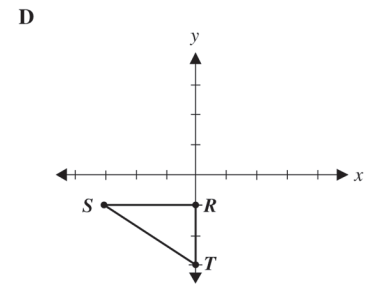
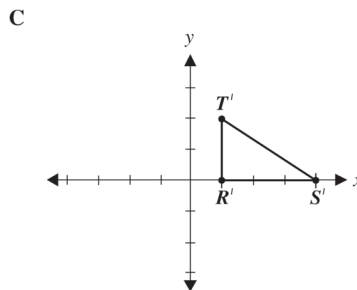
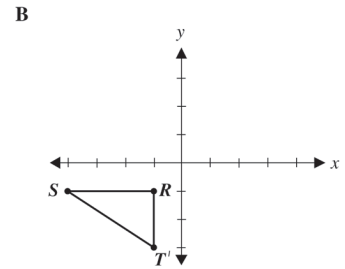
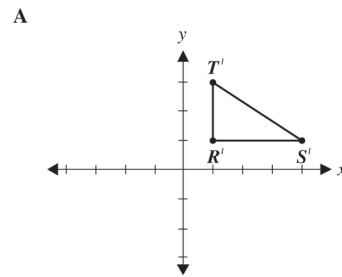
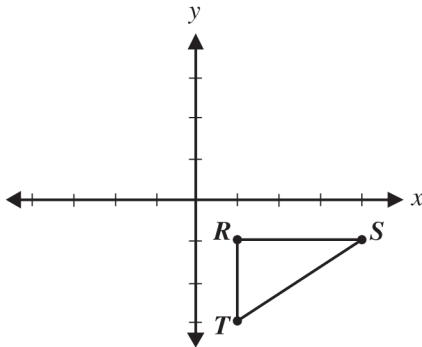


Understand and use coordinate graphs to plot simple figures, determine lengths and areas related to them, and determine their image under translations and reflections. 7MG3.2

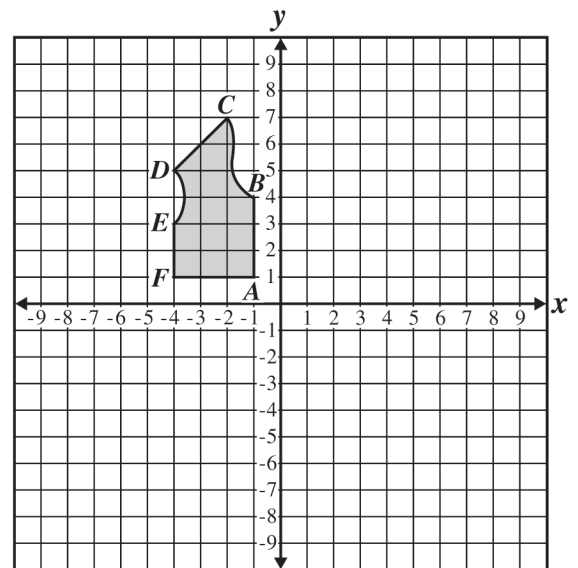
122. Which of the following triangles  $R'S'T'$  is the image of triangle  $RST$  that results from reflecting triangle  $RST$  across the  $y$ -axis?



123. The points  $(1, 1)$ ,  $(2, 3)$ ,  $(4, 3)$ , and  $(5, 1)$  are the vertices of a polygon. What type of polygon is formed by these points?

- A Triangle
- B Trapezoid
- C Parallelogram
- D Pentagon

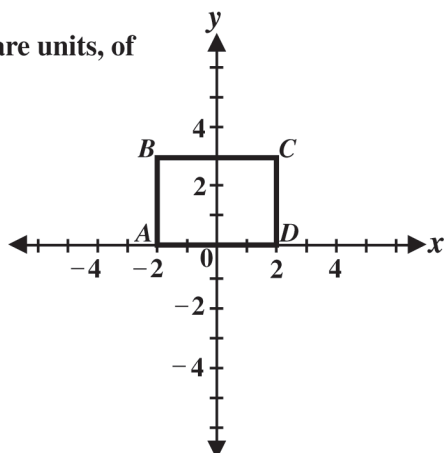
125. A clothing company created the following diagram for a vest.



124. The graph of rectangle  $ABCD$  is shown below.

What is the area, in square units, of rectangle  $ABCD$ ?

- A 6
- B 10
- C 12
- D 14



To show the other side of the vest, the company will reflect the drawing across the  $y$ -axis. What will be the coordinates of  $C$  after the reflection?

- A  $(2, 7)$
- B  $(7, 2)$
- C  $(-2, -7)$
- D  $(-2, 7)$