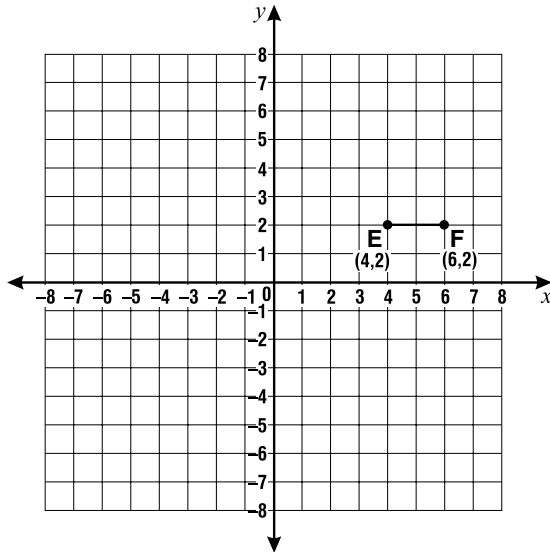


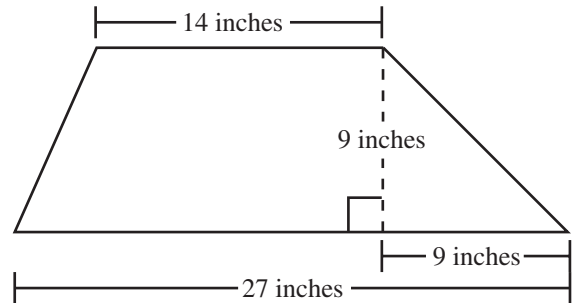
- 33 The diagram below shows the location of \overline{EF} on a coordinate plane.



Suppose that \overline{EF} is rotated 180° clockwise about the origin. What are the coordinates of the image of point E ?

- A. $(-2, -4)$
- B. $(-4, -2)$
- C. $(4, -2)$
- D. $(-4, 2)$

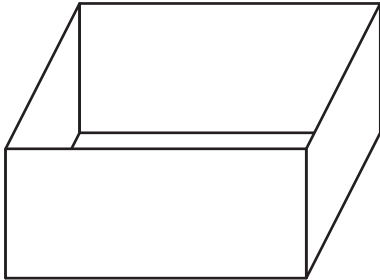
- 34 The trapezoid pictured below has the measurements shown.



Which measure is closest to the perimeter of the trapezoid?

- A. 41 inches
- B. 59 inches
- C. 64 inches
- D. 66 inches

- 35 Jennifer keeps a box under her bed to store clothes. The box is in the shape of a rectangular prism as shown in the figure below.



Jennifer's sister, Molly, made a box that had the same height as Jennifer's box. Molly, however, realized that she could triple the length and double the width and it would still fit under her bed.

What is the ratio of the volume of Molly's box to the volume of Jennifer's box?

- A. 6:1
 - B. 12:1
 - C. 36:1
 - D. 216:1
- 36 The perimeter of a child's rectangular play yard is 64 yards. The length and width of the yard are consecutive odd integers. If the length (x) is the longer of the two dimensions, what is the width of the play yard?
- A. 15 yards
 - B. 17 yards
 - C. 31 yards
 - D. 33 yards