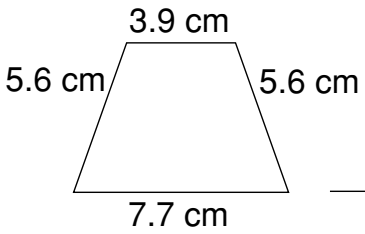
LESSON 9-2

Practice B

Perimeter and Area of Triangles and Trapezoids

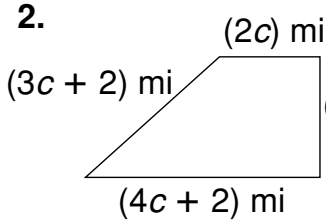
Find the perimeter of each figure.

1.



22.8 cm

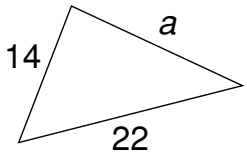
2.



(11c + 5) mi

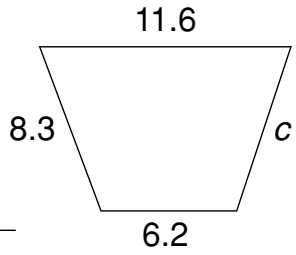
Find the missing measurement for each figure with the given perimeter.

3. triangle with perimeter 54 units



$a = 18$ units

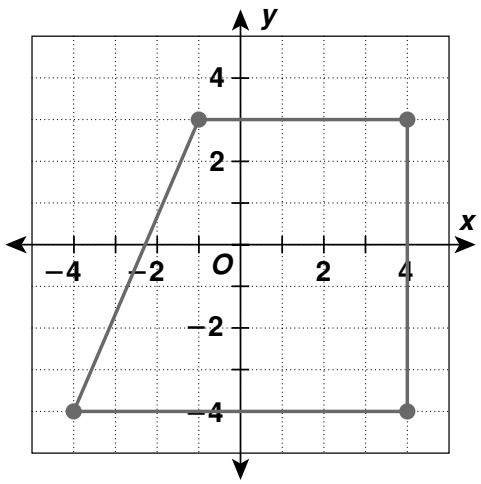
4. trapezoid with perimeter 34 units



$c = 7.9$ units

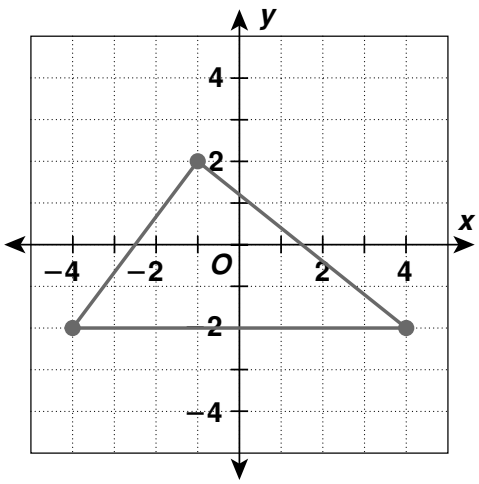
Graph and find the area of each figure with the given vertices.

5. (−1, 3), (4, 3), (4, −4), (−4, −4)



45.5 units^2

6. (−1, 2), (−4, −2), (4, −2)



16 units^2

7. The two shortest sides of a pennant shaped like a right triangle measure 10 inches and 24 inches. Hank wants to put colored tape around the edge of the pennant. How many inches of tape does he need?

60 in.

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