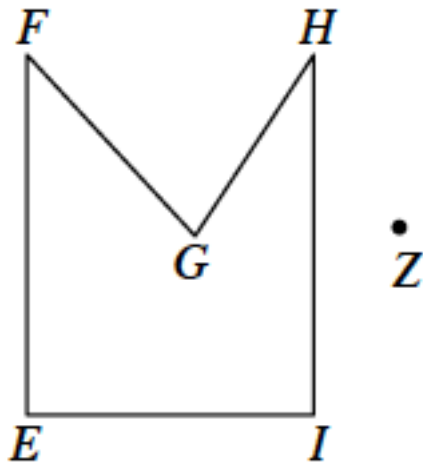


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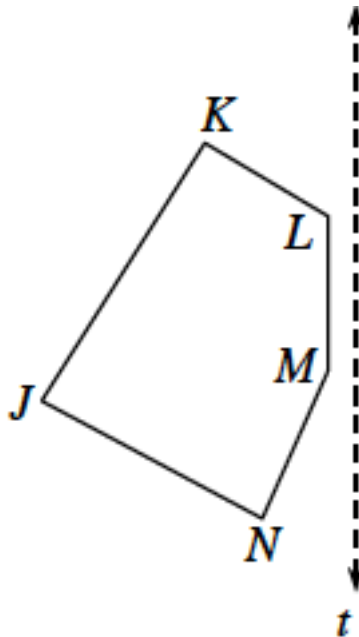
Chapter 1 Closure

CL 1-128. Trace the figures in parts (a) and (b) onto your paper and perform the indicated transformations. Copy the figure from part (c) onto graph paper and perform the indicated transformation. Label each image with prime notation ($A \rightarrow A'$).

- a. Rotate $EFGHI$ 90° clockwise  about point Z



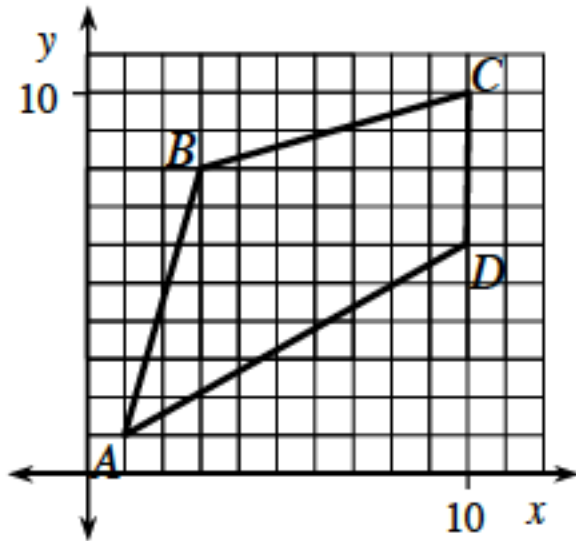
- b. Reflect $JKLMN$ over line t



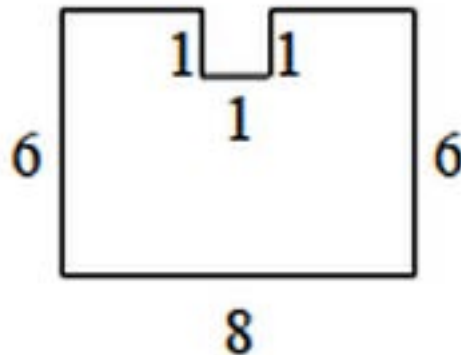
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Chapter 1 Closure

c. Translate $ABCD$ down 5 units and right 3 units

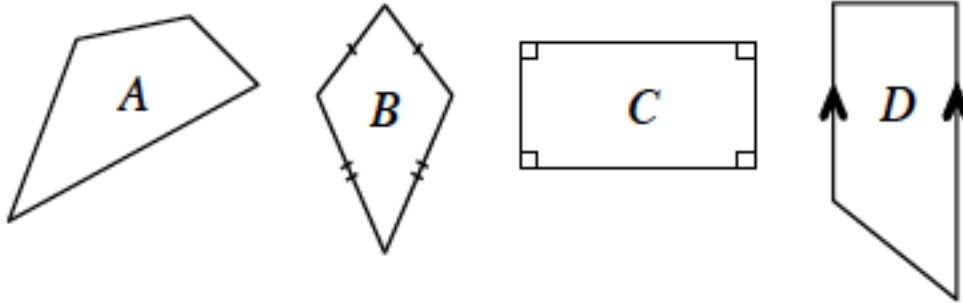


CL 1-129. Assume that all angles in the diagram below are right angles and that all the measurements are in centimeters. Find the perimeter of the figure.



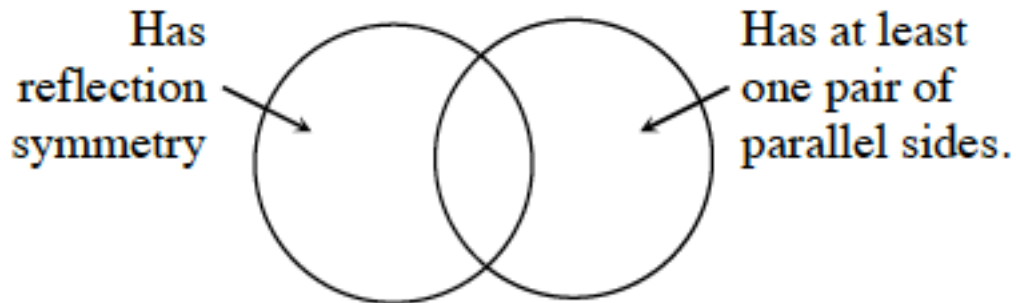
Chapter 1 Closure

CL 1-132. Examine the shapes below.



Describe what you know about each shape based on the information provided in the diagram. Then name the shape.

Decide where each shape would be placed in the Venn diagram below.



CL 1-133. Solve each equation below. Check your solution.

$$3x - 12 + 10 = 8 - 2x$$

$$\frac{x}{7} = \frac{3}{2}$$

$$5 - (x + 7) + 4x = 7(x - 1)$$

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Chapter 1 Closure

$$x^2 + 11 = 36$$

CL 1-134. Find the value of y for each equation twice: first for $x = 8$, then for $x = -3$.

$$y = x^2 + 13x + 8$$

$$y = 6x - 2$$

CL 1-136. $\triangle ABC$ below is equilateral. Use what you know about an equilateral triangle to write and solve an equation for x . Then find the perimeter of $\triangle ABC$.

