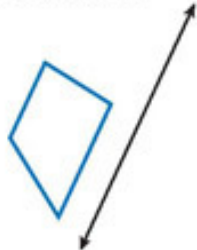


Extra Practice Chapter 9 ■ Skills Practice

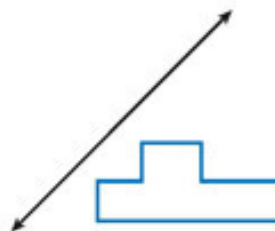
Lesson 9-1

Copy each figure and the line of reflection. Draw the reflection of the figure across the line.

1.



2.



Reflect the figure with the given vertices across the given line.

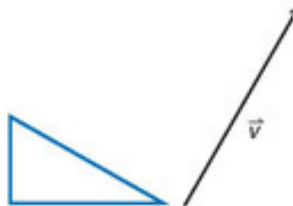
3. $A(-4, 1)$, $B(2, 4)$, $C(3, -2)$; x -axis

4. $D(3, 1)$, $E(2, 4)$, $F(-2, 2)$, $G(2, -2)$; $y = x$

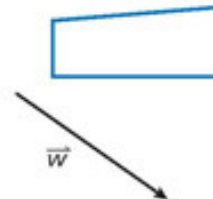
Lesson 9-2

Copy each figure and the translation vector. Draw the translation of the figure along the given vector.

5.



6.



Translate the figure with the given vertices along the given vector.

7. $A(-2, 1)$, $B(4, 3)$, $C(2, -2)$; $\langle 2, 3 \rangle$

8. $D(-1, 3)$, $E(2, 4)$, $F(3, 3)$, $G(3, -2)$; $\langle 2, -2 \rangle$

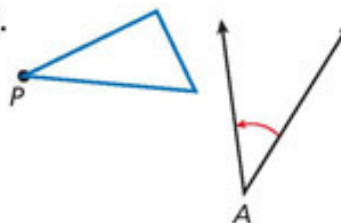
Lesson 9-3

Copy each figure and the angle of rotation. Draw the rotation of the figure about the point P by $m\angle A$.

9.



10.



Rotate the figure with the given vertices about the origin using the given angle of rotation.

11. $A(2, 3)$, $B(-2, 1)$, $C(1, -1)$; 90°

12. $D(-2, 3)$, $E(2, 4)$, $F(3, 1)$, $G(-2, 2)$; 180°