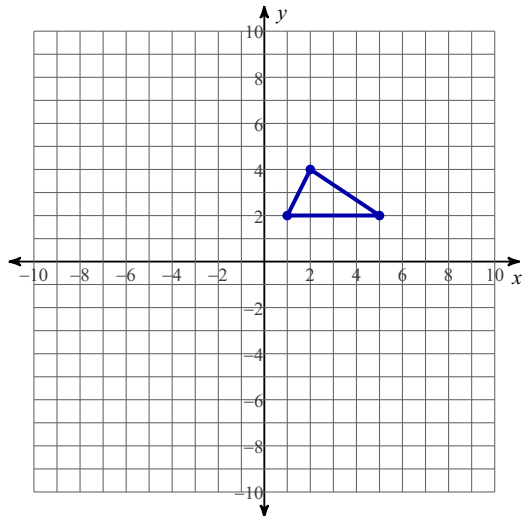


Basic Transformations

1)

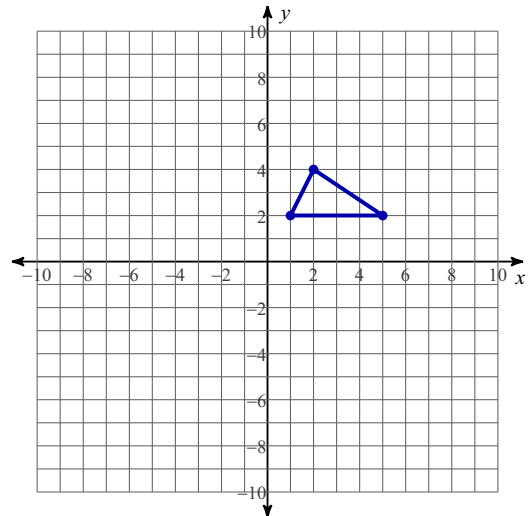


$$(x, y) \rightarrow (x - 8, y + 5)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

2)

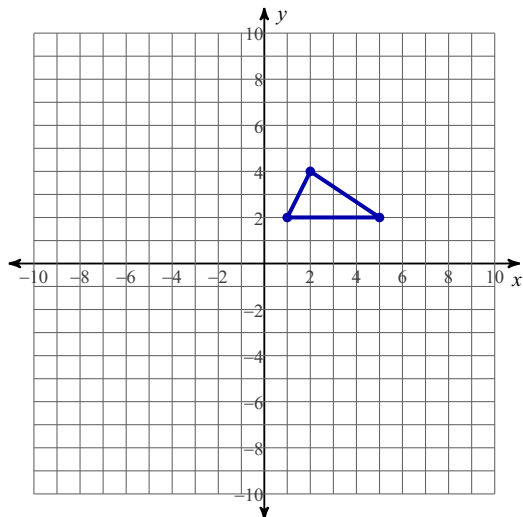


$$(x, y) \rightarrow (x, -y)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

3)

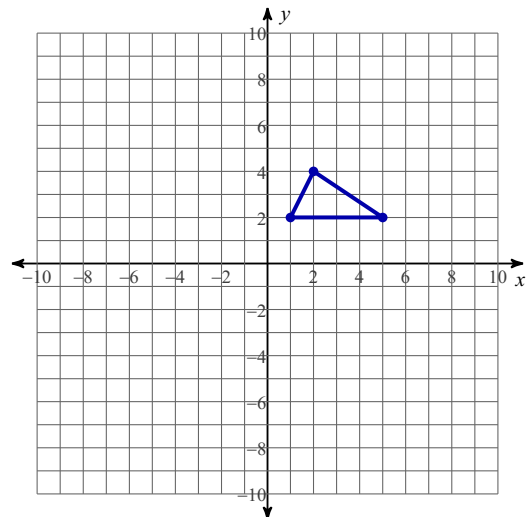


$$(x, y) \rightarrow (x, y - 10)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

4)

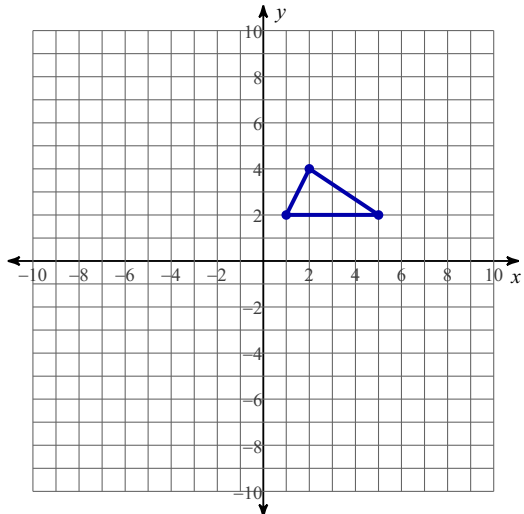


$$(x, y) \rightarrow (y, -x)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

5)

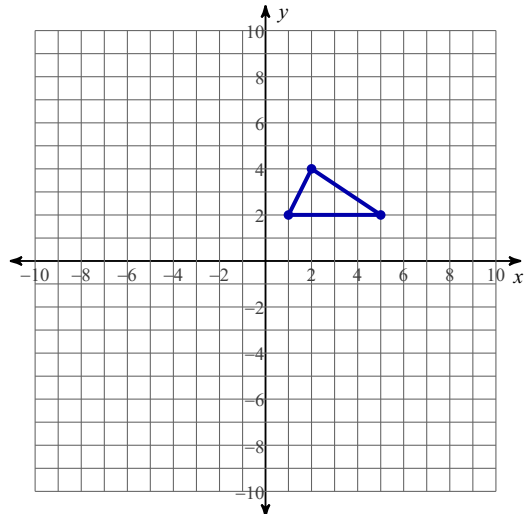


$$(x, y) \rightarrow (x - 9, y)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

6)

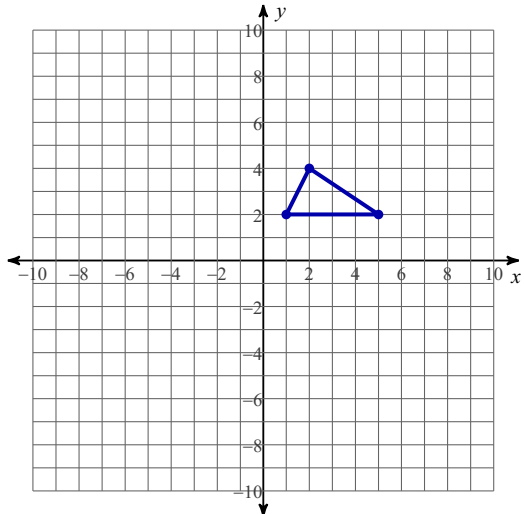


$$(x, y) \rightarrow (2x, 2y)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

7)

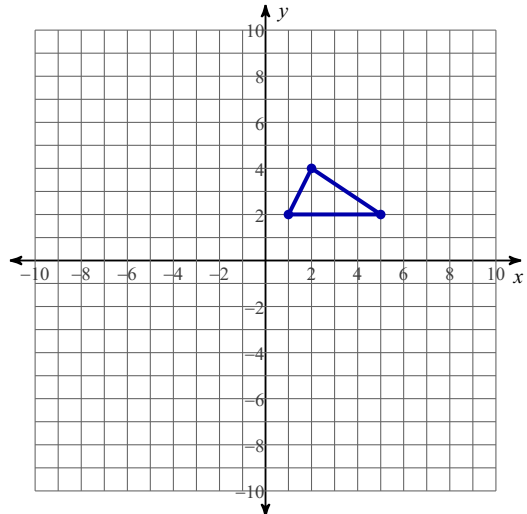


$$(x, y) \rightarrow (-y, x)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

8)

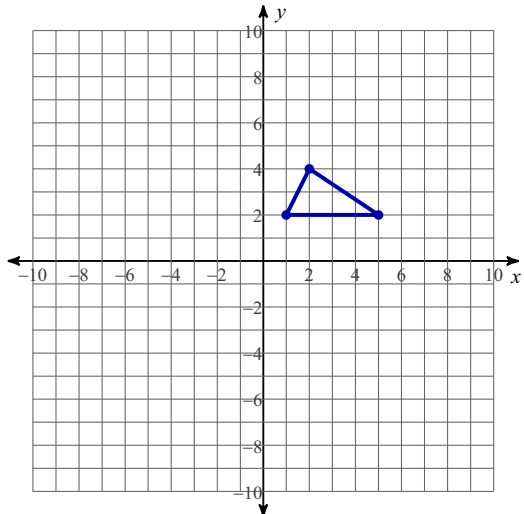


$$(x, y) \rightarrow (3x, 3y)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

9)

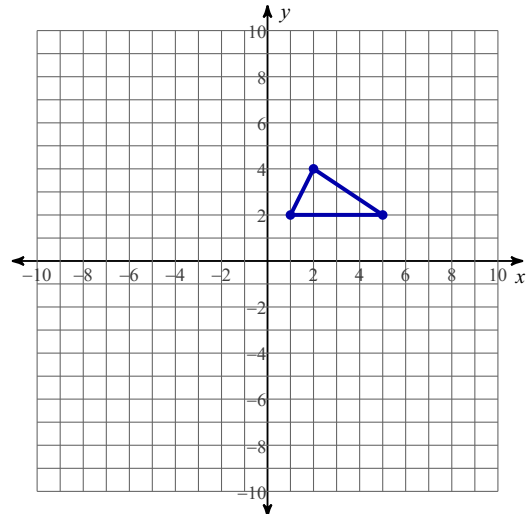


$$(x, y) \rightarrow (-x, -y)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

10)

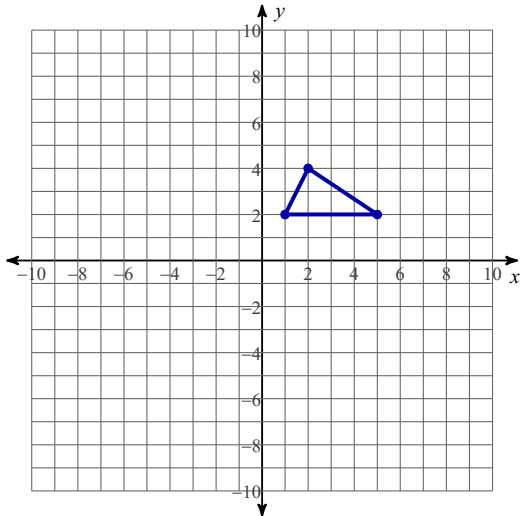


$$(x, y) \rightarrow (-x, y)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

11)

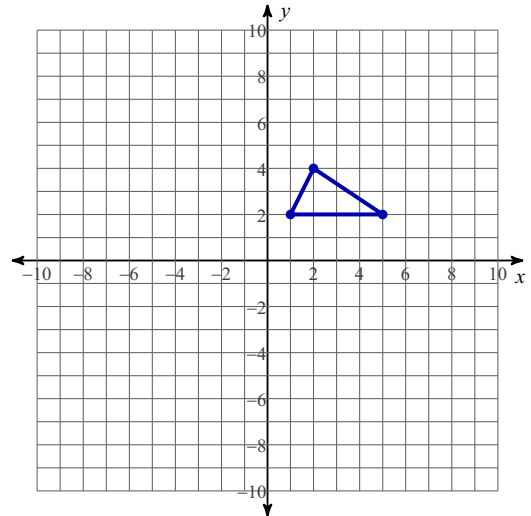


$$(x, y) \rightarrow (x - 5, y - 5)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

12)

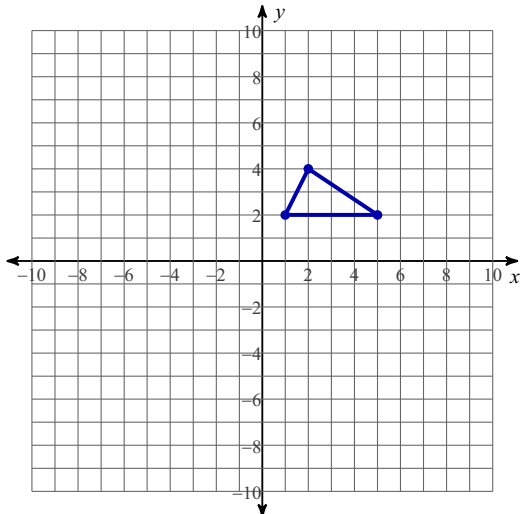


$$(x, y) \rightarrow \left(\frac{1}{2}x, \frac{1}{2}y\right)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

13)

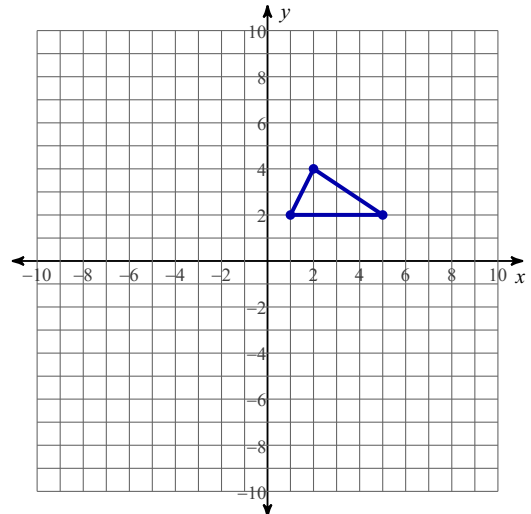


$$(x, y) \rightarrow (-y, -x)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

14)

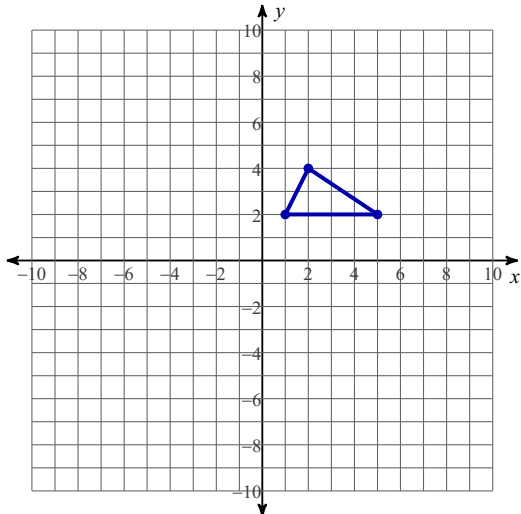


$$(x, y) \rightarrow (-2x, -2y)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

15)

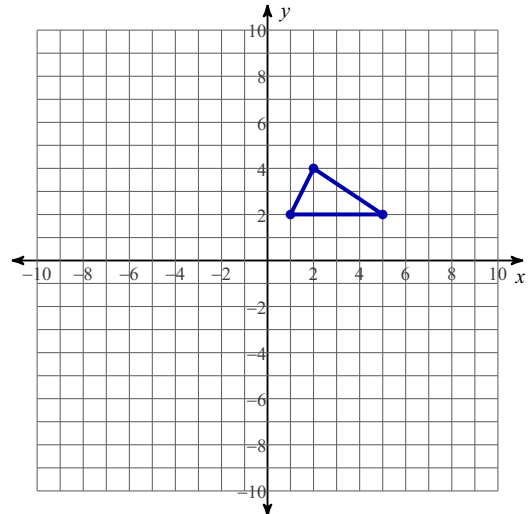


$$(x, y) \rightarrow (x - 7, y - 2)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:

16)



$$(x, y) \rightarrow (2.5x, 2.5y)$$

Point A: (1, 2) Point A': (,)
 Point B: (2, 4) Point B': (,)
 Point C: (5, 2) Point C': (,)

type of transformation:
