

## Multiple Choice

1) What will be the new position of the given point  $(3, -5)$  after reflection across the y-axis?

- a)  $(3, 5)$       b)  $(-3, -5)$       c)  $(-3, 5)$       d)  $(3, -5)$

2) What will be the new position of the given point  $(-6, 8)$  after rotating  $90^\circ$  clockwise about the origin?

- a)  $(6, 8)$       b)  $(6, -8)$       c)  $(8, -6)$       d)  $(8, 6)$

3) What will be the new position of the given point  $(5, 8)$  after a translation of 2 units left and 3 units down?

- a)  $(5, 8)$       b)  $(3, 5)$       c)  $(3, 8)$       d)  $(5, 5)$

4) What will be the new position of the given point  $(2, 3)$  after reflection across the x-axis?

- a)  $(2, 3)$       b)  $(2, -3)$       c)  $(-2, 3)$       d)  $(-2, -3)$

5) What will be the new position of the given point  $(9, -1)$  after rotating  $90^\circ$  counterclockwise about the origin?

- a)  $(9, -1)$       b)  $(1, 9)$       c)  $(-1, 9)$       d)  $(-1, -9)$

6) What will be the new position of the given point  $(6, 3)$  after a translation of 6 units down and 3 units left?

- a)  $(6, 3)$       b)  $(0, 3)$       c)  $(-3, 0)$       d)  $(-3, 3)$

7) What will be the new position of the given point  $(9, -4)$  after reflection across the line  $x = 1$ ?

- a)  $(7, 4)$       b)  $(7, -4)$       c)  $(-7, -4)$       d)  $(-7, 4)$

8) What will be the new position of the given point  $(-8, -2)$  after rotating  $180^\circ$  about the origin?

- a)  $(8, 2)$       b)  $(2, 8)$       c)  $(8, -2)$       d)  $(-2, -8)$

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