

**Multiple Choice**

Sheet 1

- 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  $(7, 4)$  after translation of 2 units left and 4 units up?  
a)  $(5, 8)$       b)  $(9, -8)$       c)  $(5, -8)$       d)  $(9, 8)$
- 4) What will be the new position of the given point  $(-2, -3)$  after reflection across the x-axis?  
a)  $(2, 3)$       b)  $(-3, -2)$       c)  $(-2, 3)$       d)  $(3, -2)$
- 5) What will be the new position of the given point  $(1, -9)$  after rotating  $90^\circ$  counterclockwise about the origin?  
a)  $(9, -1)$       b)  $(-9, 1)$       c)  $(-9, -1)$       d)  $(9, 1)$
- 6) What will be the new position of the given point  $(0, 6)$  after translation of 6 units down and 3 units right?  
a)  $(6, 3)$       b)  $(3, 0)$       c)  $(-6, 3)$       d)  $(-3, 0)$
- 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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