

## Multiple Choice

Sheet 3

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

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