

Multiple Choice

- 1) What will be the new position of the given point $(-2, 6)$ after translation of 5 units right and 3 units down?
- a) $(3, 3)$ b) $(7, 9)$ c) $(3, 9)$ d) $(7, 3)$
- 2) What will be the new position of the given point $(5, 7)$ after reflection across the line $y = -1$?
- a) $(5, 9)$ b) $(-5, 9)$ c) $(5, -9)$ d) $(-5, -9)$
- 3) What will be the new position of the given point $(3, 1)$ after rotating 180° about the origin?
- a) $(3, 1)$ b) $(-3, -1)$ c) $(-3, 1)$ d) $(3, -1)$
- 4) What will be the new position of the given point $(0, 10)$ after reflection across the line $x = 2$?
- a) $(0, -2)$ b) $(4, 10)$ c) $(2, 10)$ d) $(4, 2)$
- 5) What will be the new position of the given point $(3, 4)$ after translation of 8 units up?
- a) $(3, 4)$ b) $(3, 12)$ c) $(11, 4)$ d) $(11, 12)$
- 6) What will be the new position of the given point $(-4, 3)$ after rotating 90° counter-clockwise about the origin?
- a) $(8, 9)$ b) $(-8, 9)$ c) $(-3, -4)$ d) $(3, -4)$
- 7) What will be the new position of the given point $(7, 1)$ after reflection across the line $y = x$?
- a) $(1, -7)$ b) $(-1, -7)$ c) $(-7, -1)$ d) $(1, 7)$
- 8) What will be the new position of the given point $(-4, 4)$ after translation of 1 unit down and 10 units left?
- a) $(-6, 5)$ b) $(-14, 3)$ c) $(-6, 3)$ d) $(-14, 5)$

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5) What will be the new position of the given point $(-4, 3)$ after translation of 8 units up?

- a) $(3, 4)$ b) $(-4, 11)$ c) $(-4, 3)$ d) $(-4, 11)$

6) What will be the new position of the given point $(8, 9)$ after rotating 90° counterclockwise about the origin?

- a) $(8, 9)$ b) $(-9, 8)$ c) $(-8, 9)$ d) $(9, -8)$

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

- a) $(1, -7)$ b) $(-1, -7)$ c) $(-7, -1)$ d) $(1, 7)$

8) What will be the new position of the given point $(-4, 4)$ after translation of 1 unit down and 10 units left?

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