Multiple Choice

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 \((-8, 4)\) after reflection across the line \(y = 2.5\)?
   a) \((8, -8)\)   b) \((8, 0)\)   c) \((0, -8)\)   d) \((8, 8)\)

4) What will be the new position of the given point \((-7, -9)\) after rotating \(180^\circ\) 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 \((3, 2)\) after translation of 4 units up and 7 units left?
   a) \((-4, 6)\)   b) \((10, -2)\)   c) \((10, 6)\)   d) \((-4, -2)\)

6) What will be the new position of the given point \((-4, 9)\) after reflection across the line \(y = -x\)?
   a) \((-6, -5)\)   b) \((6, -5)\)   c) \((-6, 5)\)   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) \((-3, -6)\)
1) What will be the new position of the given point (6, –5) after rotating 90° 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) (6, –5) c) (–6, 5) d) (6, 5)

3) What will be the new position of the given point (–8, 4) after reflection across the line y = 2?
   a) (8, –8) b) (–8, 0) c) (0, –8) d) (–8, 8)

4) What will be the new position of the given point (–7, –9) after rotating 180° 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 (3, 2) after translation of 4 units up and 7 units left?
   a) (–4, 6) b) (10, –2) c) (10, 6) d) (–4, –2)

6) What will be the new position of the given point (–4, 9) after reflection across the line y = –x?
   a) (9, –4) b) (–9, 4) c) (9, 4) d) (–9, –4)

7) What will be the new position of the given point (–4, 9) after rotating 90° 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)