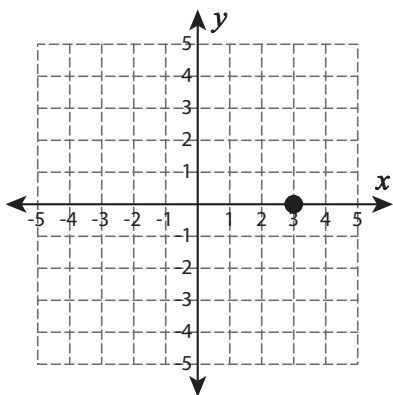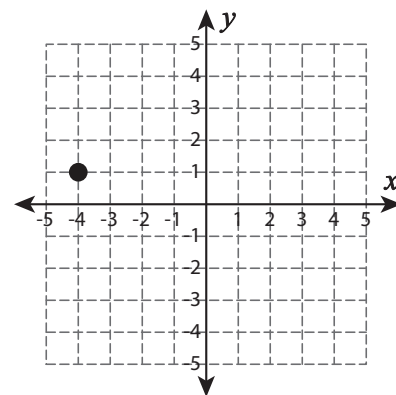# Transformation

1) After rotating 90⁰ clockwise about the origin, what will be the new position of the given point (5, 9)?

a) (−5, −9) b) (9, −5)

c) (−5, 9) d) (9, 5)

2) What will be the new position of the point (7, −6) after a reflection across the y-axis?

a) (−7, 6) b) (6, 7)

c) (−7, −6) d) (7, −6)

3) After a translation of 5 units to the right and 3 units down, what will be the new position of the given point (0, 7)?

a) (5, 4) b) (−5, −4)

c) (4, 5) d) (5, −4)

4) After rotating 90⁰ counterclockwise about the origin, what will be the new position of the given point (−3, 6)?

a) (6, −3) b) (−6, 3)

c) (3, 6) d) (−6, −3)

5) After a translation of 3 units to the left and 2 units up, what will be the new position of the point?

a) (0, −2) b) (2, 0)

c) (−2, 0) d) (0, 2)

6) After rotating 90⁰ counterclockwise about the origin, what will be the new position of the point?

a) (−1, −4) b) (1, −4)

c) (5, 4) d) (−5, 4)