Rotation | Writing the Coordinates

Write the coordinates obtained after the rotation about the origin.

1)

P(2, −8), Q(8, −8), R(8, −2), S(2, −2); 180⁰ rotation

P′: ( )   Q′: ( )   R′: ( )   S′: ( )

2)

A(3, 9), B(6, 9), C(6, 6), D(3, 6); 90⁰ counterclockwise rotation

3)

4)

Preview

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5)

K(1, 0), L(4, 1), M(1, 4), N(−2, 3); 90⁰ counterclockwise rotation

K′: ( )   L′: ( )   M′: ( )   N′: ( )

6)

C(−7, 1), D(−7, −2), E(−3, −2); 90⁰ clockwise rotation

C′: ( )   D′: ( )   E′: ( )