

Write the New Coordinates

Sheet 2

Write the coordinates obtained after the rotation about the origin.

- 1) $C(-7, 1), D(-7, -2), E(-3, -2)$
 90° clockwise rotation

C' : _____ , D' : _____

E' : _____

- 2) $T(-6, 7), U(-3, 3), V(-2, 7), W(-4, 8)$
 90° counterclockwise rotation

T' : _____ , U' : _____

V' : _____ , W' : _____

- 3) $J(-1, 3), K(1, 1), L(3, 1)$
 180° rotation

J' : _____ ,

L' : _____ ,

- 5) $A(3, 9), B(6, 9), C(6, 3)$
 90° counterclockwise rotation

A' : _____ ,

C' : _____ ,

- 7) $R(0, -1), S(2, -1), T(2, -5), U(0, -5)$
 90° clockwise rotation

R' : _____ , S' : _____

T' : _____ , U' : _____

- 4) $D(8, 0), F(8, 4)$
 90° clockwise rotation

D' : _____

F' : _____

- 6) $P(9, -9), R(-4, -6)$
 90° clockwise rotation

Q' : _____

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Write the New Coordinates

Sheet 2

Write the coordinates obtained after the rotation about the origin.

- 1) C(-7, 1), D(-7, -2), E(-3, -2)
90° clockwise rotation

C': (1, 7) , D': (-2, 7)

E': (-2, 3)

- 2) T(-6, 7), U(-3, 3), V(-2, 7), W(-4, 8)
90° counterclockwise rotation

T': (-7, -6) , U': (-3, -3)

V': (-7, -2) , W': (-8, -4)

- 3) J(-1, 3), K(1, 1), L(3, 1)
180° rotation

J': (1, -3) ,

L': (-3, -3) ,

- 5) A(3, 9), B(6, 9), C(6, 3)
90° counterclockwise rotation

A': (-9, 3) ,

C': (-6, 6) ,

- 7) R(0, -1), S(2, -1), T(2, -5), U(0, -5)
90° clockwise rotation

R': (-1, 0) , S': (-1, -2)

T': (-5, -2) , U': (-5, 0)

- 8) E(-1, -1), F(5, -1), G(4, 2), H(0, 2)
90° counterclockwise rotation

E': (1, -1) , F': (1, 5)

G': (-2, 4) , H': (-2, 0)

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- (8, 0), F(8, 4)
rotation

D': (1, -6)

F': (4, -8)

- (-9), R(-4, -6)

Q': (6, 9)