

Write the New Coordinates

Sheet 2

Write the coordinates obtained after the given transformation.

1) $K(-3, -6), L(-8, -6), M(-8, -8), N(-3, -8)$

90° clockwise rotation about the origin

$K':$ _____ , $L':$ _____

$M':$ _____ , $N':$ _____

2) $U(-2, -3), V(1, -3), W(-2, 0)$

Reflection across the line $x = -3$

$U':$ _____ , $V':$ _____

$W':$ _____

3) $D(-4, 2), E(-4, 4),$

Translate 1 unit right

$D':$ _____ ,

$E':$ _____ ,

5) $P(5, -5), Q(2, -4),$

Reflection across the y-axis

$P':$ _____ ,

$Q':$ _____ ,

7) $B(3, 3), C(5, 7), D(3, 9), E(1, 7)$

90° counterclockwise rotation about the origin

$B':$ _____ , $C':$ _____

$D':$ _____ , $E':$ _____

4) $R(7, 5), T(7, 8)$

Reflection about the origin

$R':$ _____

$T':$ _____

6) $A(7, 7), C(2, -2)$

Translation 2 units right and 3 units up

$A':$ _____

$C':$ _____

8) $J(-7, 10), K(-8, 7), L(-3, 7), M(-2, 10)$

Reflection across the line $y = 4$

$J':$ _____ , $K':$ _____

$L':$ _____ , $M':$ _____

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