

Write the New Coordinates

Sheet 1

Write the coordinates obtained after the given transformation.

- 1) $A(0, -3), B(0, -5), C(2, -5), D(3, -3)$
Translate 5 units up and 4 units right

A' : _____, B' : _____

C' : _____, D' : _____

- 2) $P(-3, 3), Q(-2, 6), R(-5, 5), S(-6, 2)$
 90° counterclockwise rotation about the origin

P' : _____, Q' : _____

R' : _____, S' : _____

- 3) $K(5, 7), L(3, 7), M(1, 7)$
Reflection across the y-axis

K' : _____,

M' : _____,

- 5) $U(-3, 6), V(-8, 1), W(-5, -1)$
 180° rotation about the origin

U' : _____,

W' : _____

- 7) $J(0, -8), K(2, -6), L(-2, -8), M(2, -10)$
Translate 4 units left and 6 units up

J' : _____, K' : _____

L' : _____, M' : _____

- 4) $E(-5, -1), F(-1, -3), G(-3, -3)$
Translate 2 units left and 2 units down

E' : _____

G' : _____

- 6) $S(2, -4), T(2, -8)$
Reflection across the x-axis

R' : _____

T' : _____

- 8) $B(6, 2), C(4, 5), D(0, 2)$
 90° clockwise rotation about the origin

B' : _____, C' : _____

D' : _____

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