

**Write the New Coordinates**

Sheet 2

Write the coordinates obtained after the rotation about the origin.

- 1)  $C(-7, 1), D(-7, -2), E(-3, -2)$   
 $90^\circ$  clockwise rotation

$C'$  : \_\_\_\_\_ ,  $D'$  : \_\_\_\_\_

$E'$  : \_\_\_\_\_

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

$T'$  : \_\_\_\_\_ ,  $U'$  : \_\_\_\_\_

$V'$  : \_\_\_\_\_ ,  $W'$  : \_\_\_\_\_

- 3)  $J(-1, 3), K(1, 1), L(3, 1)$   
 $180^\circ$  rotation

$J'$  : \_\_\_\_\_ ,

$L'$  : \_\_\_\_\_ ,

- 5)  $A(3, 9), B(6, 9), C(6, 3)$   
 $90^\circ$  counterclockwise rotation

$A'$  : \_\_\_\_\_ ,

$C'$  : \_\_\_\_\_ ,

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

$R'$  : \_\_\_\_\_ ,  $S'$  : \_\_\_\_\_

$T'$  : \_\_\_\_\_ ,  $U'$  : \_\_\_\_\_

- 4)  $D(8, 0), E(8, 4), F(8, 4)$   
 $90^\circ$  clockwise rotation

$D'$  : \_\_\_\_\_

$F'$  : \_\_\_\_\_

- 6)  $P(-9, 0), Q(-9, 0), R(-4, -6)$   
 $90^\circ$  clockwise rotation

$Q'$  : \_\_\_\_\_

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