

Write the New Coordinates

Write the coordinates obtained after the given reflection.

1) $S(1, -4), T(4, -4), U(4, -2), V(0, -2)$

Reflection across the line $y = -5$

S' : _____, T' : _____

U' : _____, V' : _____

2) $B(-8, -4), C(-6, -9), D(-4, -4)$

Reflection across the x-axis

B' : _____, C' : _____

D' : _____

3) $P(-4, 3), Q(-1, 3)$

Reflection across

P' : _____,

R' : _____,

5) $E(-6, -7), F(-8, -)$

Reflection across

E' : _____,

G' : _____,

7) $A(4, 3), B(5, 1), C(7, 1), D(8, 3)$

Reflection across the line $x = 2$

A' : _____, B' : _____

C' : _____, D' : _____

8) $Q(-9, 0), R(-4, 0), S(-5, 2), T(-8, 2)$

Reflection across the line $y = -3$

Q' : _____, R' : _____

S' : _____, T' : _____

$L(-6), M(-1, -6), N(-1, -4)$

Reflection across the line $x = -4$

L' : _____

N' : _____

$V(3), W(2, -7)$

Reflection across the line $y = 1$

V' : _____

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