

Write the New Coordinates

Write the coordinates obtained after the given reflection.

1) $E(-7, 5), F(-3, 6), G(-3, 2), H(-7, 1)$

Reflection across the line $y = -1$

E' : _____, F' : _____

G' : _____, H' : _____

2) $C(5, -4), D(8, -5), E(9, -8), F(6, -7)$

Reflection across the line $x = 5$

C' : _____, D' : _____

E' : _____, F' : _____

3) $A(5, -1), B(3, -4)$

Reflection across the line $y = 2$

A' : _____, B' : _____

C' : _____

5) $J(-5, 3), K(-1, 1)$

Reflection across the line $x = -1$

J' : _____, K' : _____

L' : _____, M' : _____

$R(4, 3), S(4, 2)$

Reflection across the line $y = 2$

Q' : _____

S' : _____

$V(8, 1), W(7, 3)$

Reflection across the line $x = -1$

U' : _____

W' : _____

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

7) $R(-1, -4), S(0, -3), T(-1, -2), U(-2, -3)$

Reflection across the line $x = -2$

R' : _____, S' : _____

T' : _____, U' : _____

8) $L(1, 1), M(0, -1), N(5, 1)$

Reflection across the line $y = 3$

L' : _____, M' : _____

N' : _____

Answer key**Write the New Coordinates**

Sheet 4

Write the coordinates obtained after the given reflection.

1) $E(-7, 5), F(-3, 6), G(-3, 2), H(-7, 1)$

Reflection across the line $y = -1$

$E': \underline{(-7, -7)}, \quad F': \underline{(-3, -8)}$

$G': \underline{(-3, -4)}, \quad H': \underline{(-7, -3)}$

2) $C(5, -4), D(8, -5), E(9, -8), F(6, -7)$

Reflection across the line $x = 5$

$C': \underline{(5, -4)}, \quad D': \underline{(2, -5)}$

$E': \underline{(1, -8)}, \quad F': \underline{(4, -7)}$

3) $A(5, -1), B(3, -4)$

Reflection across the line $y = 2$

$A': \underline{(-5, -1)},$

$C': \underline{(-3, 0)}$

$R(4, 3), S(4, 2)$

Reflection across the line $y = 2$

$Q': \underline{(1, 1)}$

$S': \underline{(4, 2)}$

5) $J(-5, 3), K(-1, 1)$

Reflection across the line $x = -2$

$J': \underline{(3, -5)},$

$L': \underline{(3, -2)},$

$V(8, 1), W(7, 3)$

Reflection across the line $x = -1$

$U': \underline{(-8, 2)}$

$W': \underline{(-9, 3)}$

7) $R(-1, -4), S(0, -3), T(-1, -2), U(-2, -3)$

Reflection across the line $x = -2$

$R': \underline{(-3, -4)}, \quad S': \underline{(-4, -3)}$

$T': \underline{(-3, -2)}, \quad U': \underline{(-2, -3)}$

8) $L(1, 1), M(0, -1), N(5, 1)$

Reflection across the line $y = 3$

$L': \underline{(1, 5)}, \quad M': \underline{(0, 7)}$

$N': \underline{(5, 5)}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com