MULTIPLE CHOICE

In which quadrant is the point (−4, 7) located?

Quadrant I

Quadrant II

Quadrant III

Quadrant IV

MULTIPLE CHOICE

What are the coordinates of a point reflected over the x-axis from (5, -3)?

(5, 3)

(-5, -3)

(-5, 3)

(5, -3)

MULTIPLE CHOICE

Which point lies in Quadrant IV?

(-2, -5)

(3, 9)

(6, -1)

(-8, 4)

MULTIPLE CHOICE

What is the reflection of (–3, –2) over the y–axis?

(3, -2)

(-3, 2)

(3, 2)

(-3, -2)

MULTIPLE CHOICE

If a point is at (0, 0), where is it located?

Quadrant I

Quadrant II

Origin

Quadrant IV

MULTIPLE CHOICE

What is the distance between (–1, 4) and (–1, –2)?

2 units

4 units

6 units

8 units

MULTIPLE CHOICE

Which point is symmetric to (7, –5) with respect to the origin?

(-7, 5)

(7, 5)

(-7, -5)

(7, -5)

MULTIPLE CHOICE

What are the signs of coordinates in Quadrant III?

(+, +)

(-, +)

(-, -)

(+, -)

MULTIPLE CHOICE

If point A is at (3, −8) and is reflected over the x-axis, then the y-axis, what is the final position?

(3, 8)

(-3, 8)

(-3, -8)

(3, -8)

MULTIPLE CHOICE

What is the midpoint between (–6, 4) and (2, –8)?

(-2, -2)

(-4, -4)

(-2, 2)

(4, -2)

MULTIPLE CHOICE

Which quadrant contains points where $x > 0$ and $y < 0$?

Quadrant I

Quadrant II

Quadrant III

Quadrant IV

MULTIPLE CHOICE

What is the distance between (3, −1) and (−2, 5)?

5 units

7 units

sqrt(61) units

sqrt(85) units

MULTIPLE CHOICE

After moving (4, –3) 5 units left and 2 units up, what is the new position?

(-1, -1)

(-1, 5)

(9, -5)

(-1, -5)

MULTIPLE CHOICE

Which point is NOT in Quadrant I?

(0.5, 9)

(4, 7)

(-1, 2)

(3, 1)

MULTIPLE CHOICE

What is the reflection of (0, −6) over the x-axis?

(0, 6)

(0, -6)

(-6, 0)

(6, 0)

MULTIPLE CHOICE

If the midpoint of A(5, –2) and B is (1, 4), what are B's coordinates?

(-3, 10)

(-3, 6)

(3, -10)

(-7, 6)

MULTIPLE CHOICE

Which statement is true for all points in Quadrant II?

- $x > 0, y > 0$
- $x < 0, y > 0$
- $x < 0, y < 0$
- $x > 0, y < 0$

MULTIPLE CHOICE

What is the distance between (–3, –4) and (2, 1)?

5 units

7 units

sqrt(50) units

sqrt(74) units

MULTIPLE CHOICE

After translating (−2, 7) by 3 units right and 4 units down, what is the result?

(1, 3)

(1, 11)

(-5, 3)

(-5, 11)

MULTIPLE CHOICE

What is the midpoint between (8, –3) and (–4, 9)?

(2, 3)

(6, -6)

(2, -6)

(6, 3)