



Name: _____

Date: _____

1. Which quadrant is the point $(1, 4)$ in?

Quadrant IV

Quadrant III

Quadrant II

Quadrant I

2. Which quadrant is $(-8, -6)$ in?

Quadrant II

Quadrant I

Quadrant III

Quadrant IV

3. Reflect $(4, 1)$ over the x-axis. What is the new point?

$(1, 4)$

$(4, -1)$

$(-4, -1)$

$(-4, 1)$

4. Points $(3, 0)$ and $(6, 0)$ are on the same horizontal line. How far apart are they? ____

5. Which quadrant is the point $(6, 4)$ in?

Quadrant IV

Quadrant I

Quadrant II

Quadrant III



6. Which quadrant is $(1, -6)$ in?

Quadrant II

Quadrant I

Quadrant III

Quadrant IV

7. Reflect $(7, 3)$ over the x-axis. What is the new point?

$(-7, -3)$

$(7, -3)$

$(-7, 3)$

$(3, 7)$

8. Points $(3, -2)$ and $(-7, -2)$ are on the same horizontal line. How far apart are they? ____

9. Which quadrant is the point $(3, 3)$ in?

Quadrant III

Quadrant IV

Quadrant II

Quadrant I

10. Which quadrant is $(-4, 5)$ in?

Quadrant I

Quadrant III

Quadrant II

Quadrant IV

11. Reflect $(1, 1)$ over the x-axis. What is the new point?



12. Points $(-3, 2)$ and $(3, 2)$ are on the same horizontal line. How far apart are they? ____

13. Which quadrant is the point $(3, 4)$ in?

Quadrant II

Quadrant IV

Quadrant III

Quadrant I

14. Which quadrant is $(-7, -9)$ in?

Quadrant I

Quadrant III

Quadrant II

Quadrant IV

15. Reflect $(8, 5)$ over the x-axis. What is the new point?

$(-8, -5)$

$(-8, 5)$

$(5, 8)$

$(8, -5)$

16. Points $(-6, -2)$ and $(0, -2)$ are on the same horizontal line. How far apart are they? ____

17. Which quadrant is the point $(3, 7)$ in?

Quadrant IV

Quadrant I

Quadrant II

Quadrant III



18. Which quadrant is $(5, -6)$ in?

Quadrant IV

Quadrant II

Quadrant III

Quadrant I



Answer Key

1. **Quadrant I** Both coordinates positive → Quadrant I.
2. **Quadrant III** Both negative → Quadrant III.
3. **(4, -1)** Reflecting over the x-axis negates the y-coordinate: (4, -1).
4. **3** $|6 - (3)| = 3$.
5. **Quadrant I** Both coordinates positive → Quadrant I.
6. **Quadrant IV** Positive x, negative y → Quadrant IV.
7. **(7, -3)** Reflecting over the x-axis negates the y-coordinate: (7, -3).
8. **10** $|-7 - (3)| = 10$.
9. **Quadrant I** Both coordinates positive → Quadrant I.
10. **Quadrant II** Negative x, positive y → Quadrant II.
11. **(1, -1)** Reflecting over the x-axis negates the y-coordinate: (1, -1).
12. **6** $|3 - (-3)| = 6$.
13. **Quadrant I** Both coordinates positive → Quadrant I.
14. **Quadrant III** Both negative → Quadrant III.
15. **(8, -5)** Reflecting over the x-axis negates the y-coordinate: (8, -5).
16. **6** $|0 - (-6)| = 6$.
17. **Quadrant I** Both coordinates positive → Quadrant I.
18. **Quadrant IV** Positive x, negative y → Quadrant IV.