



Name: _____

Date: _____

1. Which quadrant is the point $(2, 5)$ in?

Quadrant II

Quadrant IV

Quadrant I

Quadrant III

2. Which quadrant is $(5, -8)$ in?

Quadrant III

Quadrant I

Quadrant II

Quadrant IV

3. Reflect $(6, 1)$ over the x-axis. What is the new point?

$(-6, -1)$

$(6, -1)$

$(1, 6)$

$(-6, 1)$

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

5. Which quadrant is the point $(1, 7)$ in?

Quadrant III

Quadrant IV

Quadrant II

Quadrant I



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

Quadrant I

Quadrant II

Quadrant IV

Quadrant III

7. Reflect $(7, 6)$ over the x-axis. What is the new point?

$(6, 7)$

$(-7, 6)$

$(7, -6)$

$(-7, -6)$

8. Points $(-3, 1)$ and $(0, 1)$ are on the same horizontal line. How far apart are they? ____

9. Which quadrant is the point $(2, 9)$ in?

Quadrant III

Quadrant IV

Quadrant I

Quadrant II

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

Quadrant III

Quadrant II

Quadrant I

Quadrant IV



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

$(-5, -8)$

$(5, -8)$

$(8, 5)$

$(-5, 8)$

12. Points $(7, 3)$ and $(0, 3)$ are on the same horizontal line. How far apart are they? ____

13. Which quadrant is the point $(1, 5)$ in?

Quadrant IV

Quadrant III

Quadrant I

Quadrant II

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

Quadrant III

Quadrant II

Quadrant IV

Quadrant I

15. Reflect $(1, 2)$ over the x-axis. What is the new point?

$(1, -2)$

$(-1, -2)$

$(-1, 2)$

$(2, 1)$

16. Points $(-2, 5)$ and $(2, 5)$ are on the same horizontal line. How far apart are they? ____



17. Which quadrant is the point $(2, 7)$ in?

Quadrant IV

Quadrant II

Quadrant I

Quadrant III

18. Which quadrant is $(-8, 7)$ in?

Quadrant I

Quadrant IV

Quadrant II

Quadrant III



Answer Key

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