Name:
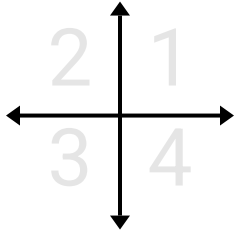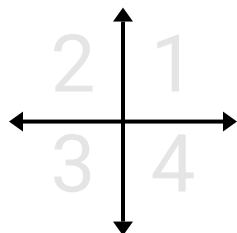
Determine the coordinates and quadrant of each problem.

2 1

3 4

1) Starting at (0,0) if you were to go up 2 units and right 10 units what coordinates would you end up at? What quadrant would you be in?

1. _____ _____

2. _____ _____

2) Starting at (0,0) if you were to go left 1 unit and up 8 units what coordinates would you end up at? What quadrant would you be in?

3. _____ _____

3) Starting at (0,0) if you were to go up 10 units and left 3 units what coordinates would you end up at? What quadrant would you be in?

4. _____ _____

5. _____ _____

4) Starting at (0,0) if you were to go up 9 units and left 6 units what coordinates would you end up at? What quadrant would you be in?

6. _____ _____

7. _____ _____

5) Starting at (0,0) if you were to go up 5 units and left 10 units what coordinates would you end up at? What quadrant would you be in?

8. _____ _____

6) Starting at (0,0) if you were to go up 7 units and left 6 units what coordinates would you end up at? What quadrant would you be in?

9. _____ _____

10. _____ _____

7) Starting at (0,0) if you were to go down 2 units and right 3 units what coordinates would you end up at? What quadrant would you be in?

11. _____ _____

12. _____ _____

8) Starting at (0,0) if you were to go left 10 units and up 8 units what coordinates would you end up at? What quadrant would you be in?

9) Starting at (0,0) if you were to go right 4 units and down 10 units what coordinates would you end up at? What quadrant would you be in?

10) Starting at (0,0) if you were to go up 8 units and left 1 unit what coordinates would you end up at? What quadrant would you be in?

11) Starting at (0,0) if you were to go down 5 units and right 2 units what coordinates would you end up at? What quadrant would you be in?

12) Starting at (0,0) if you were to go right 2 units and up 9 units what coordinates would you end up at? What quadrant would you be in?

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Finding Coordinates and Quadrant

Name: **Answer Key**

Determine the coordinates and quadrant of each problem.

2	1
3	4

1) Starting at (0,0) if you were to go up 2 units and right 10 units what coordinates would you end up at? What quadrant would you be in?

2) Starting at (0,0) if you were to go left 1 unit and up 8 units what coordinates would you end up at? What quadrant would you be in?

3) Starting at (0,0) if you were to go up 10 units and left 3 units what coordinates would you end up at? What quadrant would you be in?

4) Starting at (0,0) if you were to go up 9 units and left 6 units what coordinates would you end up at? What quadrant would you be in?

5) Starting at (0,0) if you were to go up 5 units and left 10 units what coordinates would you end up at? What quadrant would you be in?

6) Starting at (0,0) if you were to go up 7 units and left 6 units what coordinates would you end up at? What quadrant would you be in?

7) Starting at (0,0) if you were to go down 2 units and right 3 units what coordinates would you end up at? What quadrant would you be in?

8) Starting at (0,0) if you were to go left 10 units and up 8 units what coordinates would you end up at? What quadrant would you be in?

9) Starting at (0,0) if you were to go right 4 units and down 10 units what coordinates would you end up at? What quadrant would you be in?

10) Starting at (0,0) if you were to go up 8 units and left 1 unit what coordinates would you end up at? What quadrant would you be in?

11) Starting at (0,0) if you were to go down 5 units and right 2 units what coordinates would you end up at? What quadrant would you be in?

12) Starting at (0,0) if you were to go right 2 units and up 9 units what coordinates would you end up at? What quadrant would you be in?

Answers

1. **(10,2)**   **1**
2. **(-1,8)**   **2**
3. **(-3,10)**   **2**
4. **(-6,9)**   **2**
5. **(-10,5)**   **2**
6. **(-6,7)**   **2**
7. **(3,-2)**   **4**
8. **(-10,8)**   **2**
9. **(4,-10)**   **4**
10. **(-1,8)**   **2**
11. **(2,-5)**   **4**
12. **(2,9)**   **1**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								