Name: _____

Determine the coordinates and quadrant of each problem.

```
  2 | 1
 ---+---
  3 | 4
```

1) Starting at (0,0) if you were to go right 3 units and up 6 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 8 units and down 1 unit what coordinates would you end up at? What quadrant would you be in?

3) Starting at (0,0) if you were to go right 8 units and up 8 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 2 units and right 10 units what coordinates would you end up at? What quadrant would you be in?

5) Starting at (0,0) if you were to go left 7 units and down 9 units what coordinates would you end up at? What quadrant would you be in?

6) Starting at (0,0) if you were to go left 6 units and down 1 unit what coordinates would you end up at? What quadrant would you be in?

7) Starting at (0,0) if you were to go down 1 unit and left 4 units what coordinates would you end up at? What quadrant would you be in?

8) Starting at (0,0) if you were to go up 3 units and left 4 units what coordinates would you end up at? What quadrant would you be in?

9) Starting at (0,0) if you were to go left 7 units and up 4 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 6 units what coordinates would you end up at? What quadrant would you be in?

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

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

1. _____ _____

2. _____ _____

3. _____ _____

4. _____ _____

5. _____ _____

6. _____ _____

7. _____ _____

8. _____ _____

9. _____ _____

10. _____ _____

11. _____ _____

12. _____ _____

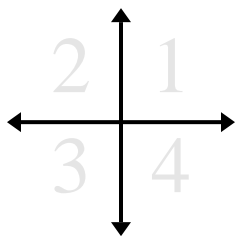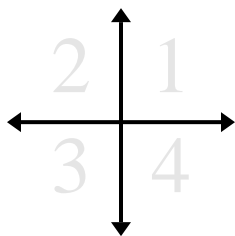| 1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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

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