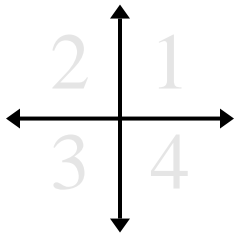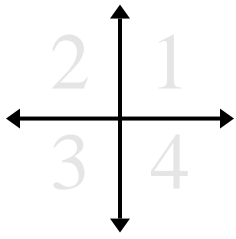Name:

Determine the coordinates and quadrant of each problem.

```
  2   1

  3   4
```

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

2) Starting at (0,0) if you were to go down 10 units and left 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 down 1 unit and right 5 units what coordinates would you end up at? What quadrant would you be in?

4) 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?

5) Starting at (0,0) if you were to go up 8 units and right 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 right 4 units and down 2 units what coordinates would you end up at? What quadrant would you be in?

7) 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?

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

11) Starting at (0,0) if you were to go right 8 units and up 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 up 4 units and right 9 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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Answers

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

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