## Determine the coordinates and quadrant of each problem.



1) Starting at $(0,0)$ if you were to go down 4 units and left 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 right 8 units and up 3 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 7 units and right 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 1 unit and left 7 units what coordinates would you end up at? What quadrant would you be in?
5) Starting at $(0,0)$ if you were to go right 1 unit and down 1 unit what coordinates would you end up at? What quadrant would you be in?
6) Starting at $(0,0)$ if you were to go down 8 units and left 9 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 8 units and down 2 units what coordinates would you end up at? What quadrant would you be in?
8) Starting at $(0,0)$ if you were to go right 4 units and up 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 right 2 units and down 1 unit what coordinates would you end up at? What quadrant would you be in?
10) Starting at $(0,0)$ if you were to go down 9 units and left 5 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 1 unit what coordinates would you end up at? What quadrant would you be in?
12) Starting at $(0,0)$ if you were to go left 3 units and down 8 units what coordinates would you end up at? What quadrant would you be in?

Answers
1.
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$

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1. 


3.
4.
5. $(\mathbf{1},-1) \quad 4$
6.

8.

9.

10.

11. $\qquad$
12


