## Determine the coordinates and quadrant of each problem.



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

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3 3. $(-3,8) \quad 2$ 4. $(7,5) \quad 1$ 5. $(-6,10) \quad 2$
6. $(-1,4) \quad 2$
7. $(-6,-6) \quad 3$

8

9. $(7,9) \quad 1$
10.

11. $(-3,-1) \quad 3$
12. $(10,-9) \quad 4$

