Determine the coordinates and quadrant of each problem.


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

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

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1. 
2. 


3.
4.

5.
6.

8. $\qquad$
9. $(8,8) \quad 1$
10. $(3,3) \quad 1$
11. $(-3,-9) \quad 3$
12. $(-4,10) \quad 2$

