Determine the coordinates and quadrant of each problem.


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

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

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1. $\qquad$
2. 


3. $(-9,1) \quad 2$
4. $(7,-1) \quad 4$
5. 5. $(10,-8) \quad 4$
6. $\underline{(-5,-3)} 3$
7. $(7,-5) \quad 4$

8

9. $\qquad$
10. $\qquad$
11. $(-8,-6) \quad 3$
12. $\underline{(5,8)} 1$

