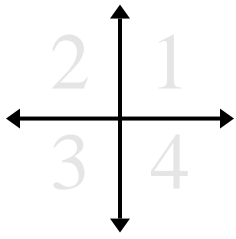


**Determine the coordinates and quadrant of each problem.**

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

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

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- 12) Starting at (0,0) if you were to go down 3 units and right 7 units what coordinates would you end up at? What quadrant would you be in?

**Answers**

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