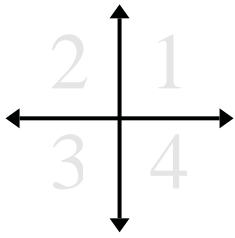




Determine the coordinates and quadrant of each problem.



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

**Answers**

Ex. (3,-9) 4

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

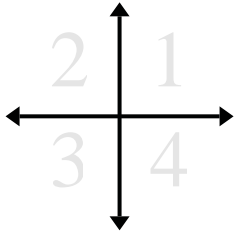
11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_



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  - Starting at (0,0) if you were to go 1 unit down and 7 units right what coordinates would you end up at? What quadrant would you be in?
  - Starting at (0,0) if you were to go 2 units right and 5 units up what coordinates would you end up at? What quadrant would you be in?

Answers

- |     |                |          |
|-----|----------------|----------|
| Ex. | <b>(3,-9)</b>  | <b>4</b> |
| 1.  | <b>(-1,2)</b>  | <b>2</b> |
| 2.  | <b>(7,-3)</b>  | <b>4</b> |
| 3.  | <b>(9,-2)</b>  | <b>4</b> |
| 4.  | <b>(-5,6)</b>  | <b>2</b> |
| 5.  | <b>(-8,4)</b>  | <b>2</b> |
| 6.  | <b>(-8,-2)</b> | <b>3</b> |
| 7.  | <b>(9,6)</b>   | <b>1</b> |
| 8.  | <b>(-6,6)</b>  | <b>2</b> |
| 9.  | <b>(7,-9)</b>  | <b>4</b> |
| 10. | <b>(-10,7)</b> | <b>2</b> |
| 11. | <b>(-6,-3)</b> | <b>3</b> |
| 12. | <b>(7,-1)</b>  | <b>4</b> |
| 13. | <b>(2,5)</b>   | <b>1</b> |