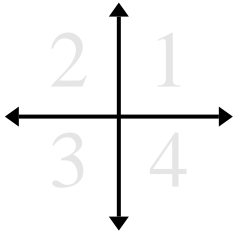




Determine the coordinates and quadrant of each problem.



**Ex)** Starting at (0,0) if you were to go 3 units left and 5 units down what coordinates would you end up at? What quadrant would you be in?

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

Answers

Ex. (-3,-5) 3

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

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

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

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

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

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

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

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

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

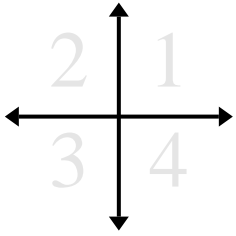
10. \_\_\_\_\_

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

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



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

Answers

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