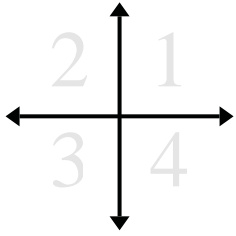




Determine the coordinates and quadrant of each problem.



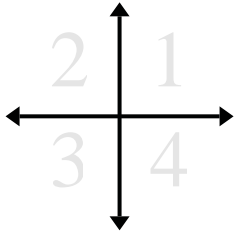
- Ex)** Starting at (0,0) if you were to go 2 units down and 4 units right what coordinates would you end up at? What quadrant would you be in?
- 1) Starting at (0,0) if you were to go 2 units up and 3 units left what coordinates would you end up at? What quadrant would you be in?
  - 2) Starting at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

Answers

- Ex. (4,-2) 4
1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
  4. \_\_\_\_\_
  5. \_\_\_\_\_
  6. \_\_\_\_\_
  7. \_\_\_\_\_
  8. \_\_\_\_\_
  9. \_\_\_\_\_
  10. \_\_\_\_\_
  11. \_\_\_\_\_
  12. \_\_\_\_\_
  13. \_\_\_\_\_



Determine the coordinates and quadrant of each problem.



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

Answers

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