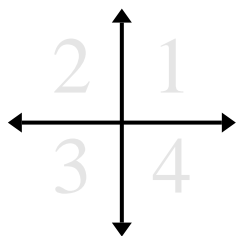


**Determine the coordinates and quadrant of each problem.**

**Ex)** Starting at (0,0) if you were to go 10 units left and 2 units up what coordinates would you end up at? What quadrant would you be in?

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

**Answers**Ex. (-10,2) 2

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

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

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

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

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

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

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

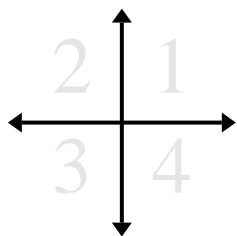
8. \_\_\_\_\_

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

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

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

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

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

**Ex)** Starting at (0,0) if you were to go 10 units left and 2 units up what coordinates would you end up at? What quadrant would you be in?

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

**Answers**

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