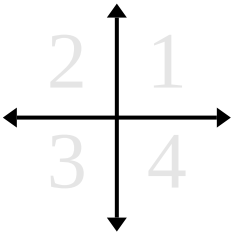
Finding Coordinates and Quadrant

Name:

Determine the coordinates and quadrant of each problem.



Ex) Starting at (0,0) if you were to go 10 units left and 1 unit down what coordinates would you end up at? What quadrant would you be in?

1) 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?

2) Starting at (0,0) if you were to go 1 unit right and 3 units up what coordinates would you end up at? What quadrant would you be in?

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

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

Answers

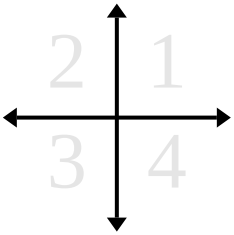
Ex. (-10,-1) 3

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

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Finding Coordinates and Quadrant Name: **Answer Key**

Determine the coordinates and quadrant of each problem.



Ex) Starting at (0,0) if you were to go 10 units left and 1 unit down what coordinates would you end up at? What quadrant would you be in?

1) 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?

2) Starting at (0,0) if you were to go 1 unit right and 3 units up what coordinates would you end up at? What quadrant would you be in?

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

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

Answers

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

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								