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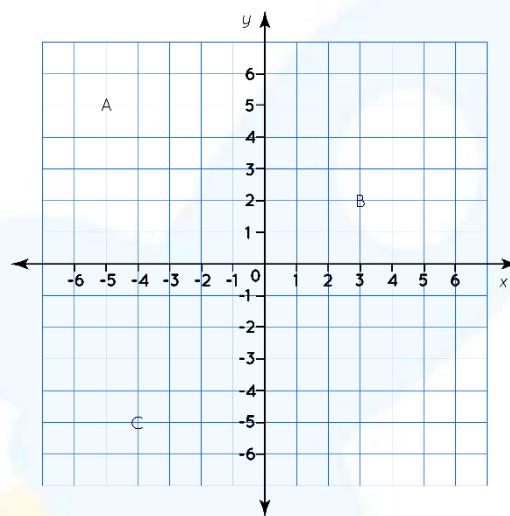
## COORDINATE WORKSHEET-I

1) Write true or false for the given statements in the box given against each.

a) The point which lies in both the axes is called origin.

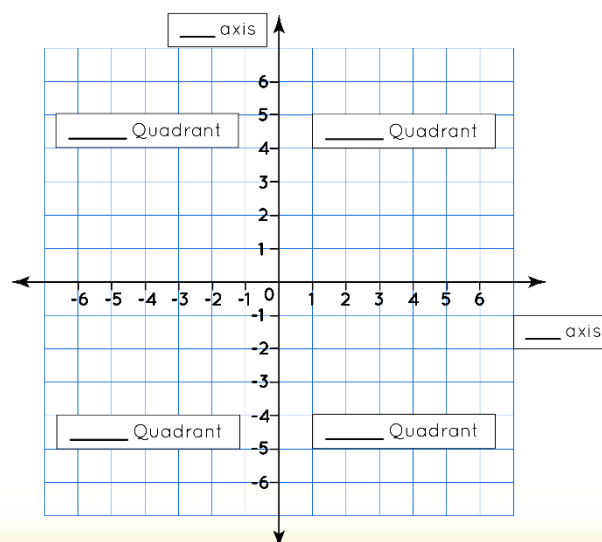
b) The point  $(2, -3)$  lies in the third quadrant.

2) Match the columns using the given graph.

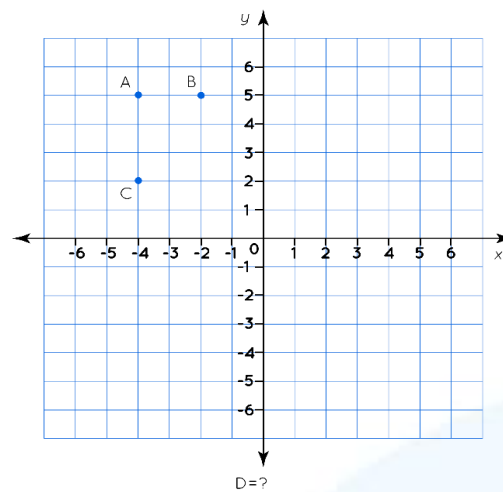


Point	Coordinates
1. $(-5, 5)$	a. A
2. $(-4, -5)$	b. B
3. $(3, 2)$	c. C

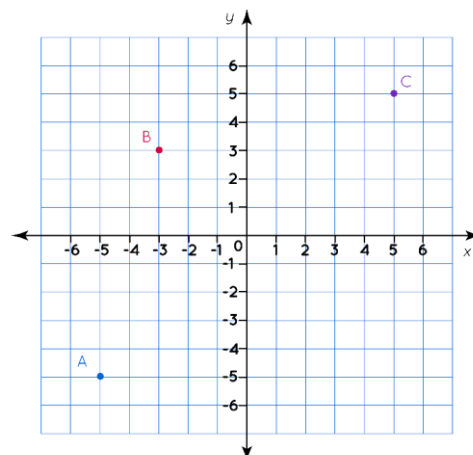
3) Label each part of the coordinate plane given below:



Answer Q.4, Q.5, Q.6 and Q.7 based on the following graph.



- 4) Write the coordinates of point A, B and C.
- 5) What are the quadrants of these points.
- 6) Plot the point D to form a rectangle.
- 7) Write the coordinates and quadrants of point D.
- 8) A shape in the coordinate plane has the following coordinates:  $(2, -3)$ ,  $(1, 1)$ , and  $(-2, -3)$ . Plot the points and identify the shape.
- 9) Fill in the blanks.  
The y-coordinate of a point on the x-axis is \_\_\_\_\_.
- 10) Choose the point with coordinates having ordered pair  $(-3, 3)$  from the following graph :



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"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

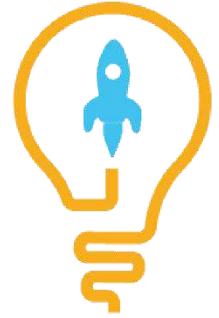
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

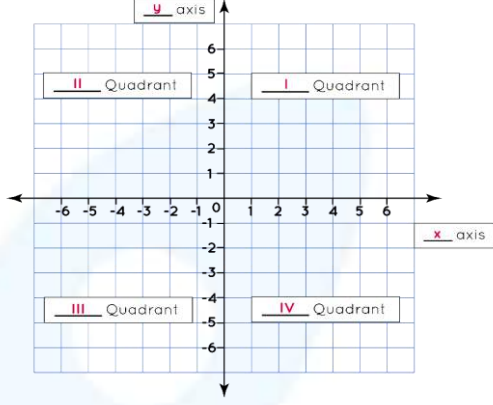
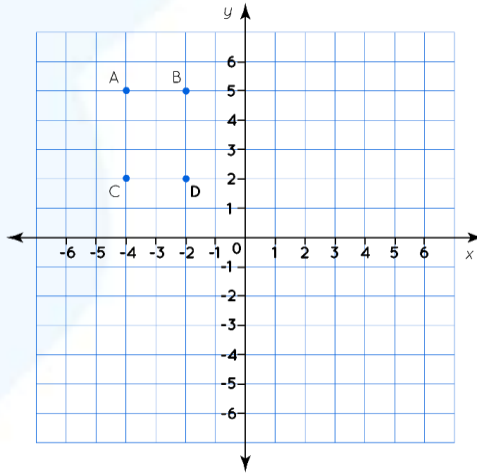
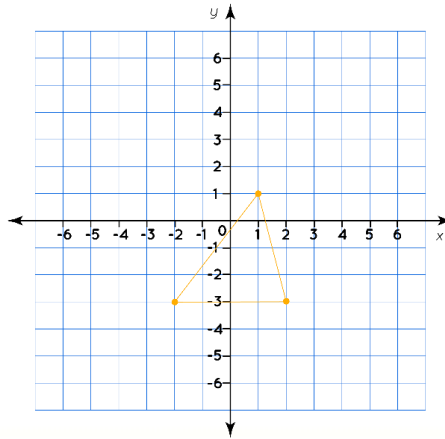
- Barbara Cabrera

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## ANSWERS

1)	a) True b) False
2)	1--a; 2--c; 3--b
3)	
4)	A(-4, 5), B(-2, 5), C(-4, 2)
5)	II Quadrant
6)	
7)	Point D: (-2, 2)
8)	 <p>Triangle</p>

9)	origin
10)	B





## FUN FACT

1. A coordinate plane is a two-dimensional plane formed by the intersection of a vertical line called Y-axis and a horizontal line called X-axis.
2. A point in a coordinate plane is named by its ordered pair of the form  $(x, y)$ .
3. The invention of the **Cartesian Coordinate System** is credited to René Descartes.

