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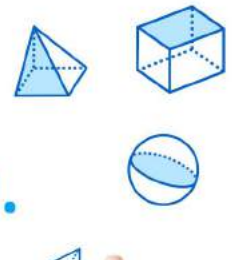

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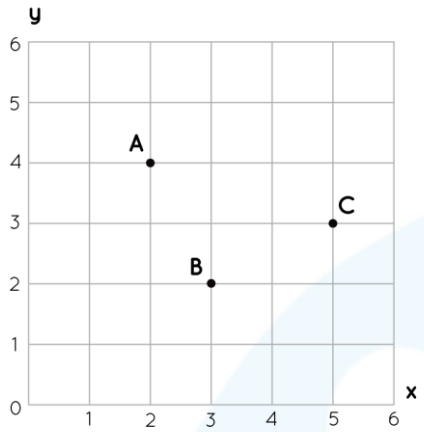
5th Grade Graphing Worksheets

Answer the following questions (1-4) based on the information given in the image shown below:



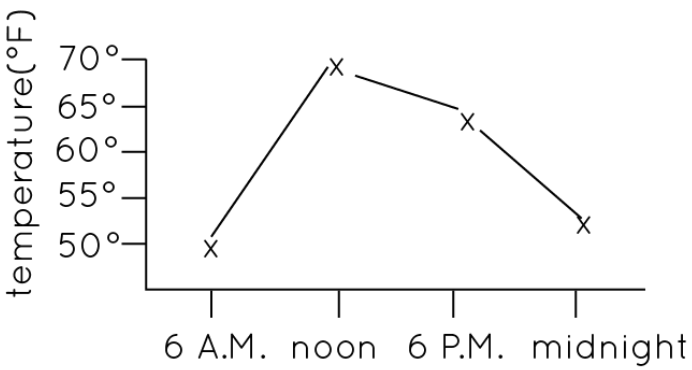
1) What are the coordinates of point A?

2) Which of the following is correct representation of coordinates of point B?
   a) (3, 2)
   b) (2, 3)
   c) (5, 3)
   d) (3, 3)

3) The coordinates of the point C are _____.

4) Which point lies farthest from the x axis?

5) Which of the following point is closest to y-axis?



The following graph shows the variation of average temperature in a city during summers.

Answer the following questions (5-10) based on the information shown in the image given below:

6) At what time, average temperature was the highest?

7) During which time, average temperature was the lowest?

8) Write the average temperature at midnight.

9) Write the average temperature at 6 A.M.

10) AT 6 P.M., what is the average temperature?

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- Gary Schwartz

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- 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."

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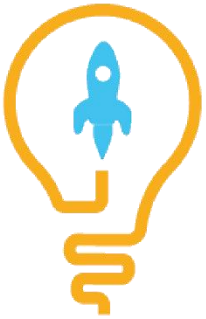

ANSWERS

1)	(2, 4)
2)	a
3)	(5, 3)
4)	A
5)	A
6)	Noon
7)	6 A.M.
8)	55 degrees F
9)	50 degrees F
10)	65 degrees F

FUN FACT

1. The idea of this system was developed in 1637 in two works by Descartes.

2. The name **Cartesian** comes from the French mathematician and philosopher René Descartes , who worked to merge algebra and Euclidean geometry.

3. **Cartesian coordinate system** is a coordinate system used to place points on a cartesian plane using two numbers, usually called the *x-coordinate* and the *y-coordinate*.