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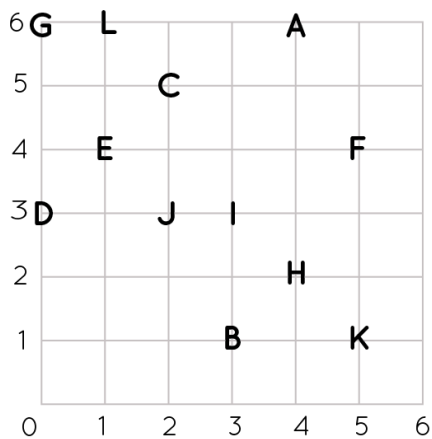
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5th Grade Graphing Worksheets

For the information given below, answer the following questions (1 – 6)



- 1) What are the coordinates of point A?
- 2) Write the coordinates of point B.
- 3) Is the x-coordinate of C greater than x-coordinate of point F?
- 4) Match the following:

Points	Coordinates
i. D	a) (4, 2)
ii. E	b) (0, 3)
iii. G	c) (1, 4)
iv. H	d) (0, 6)

- 5) Write the y-coordinate of I.

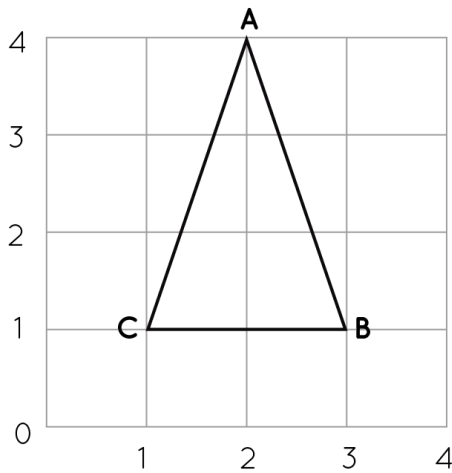
- 6) Fill in the blanks:

$$J = (_, 3)$$

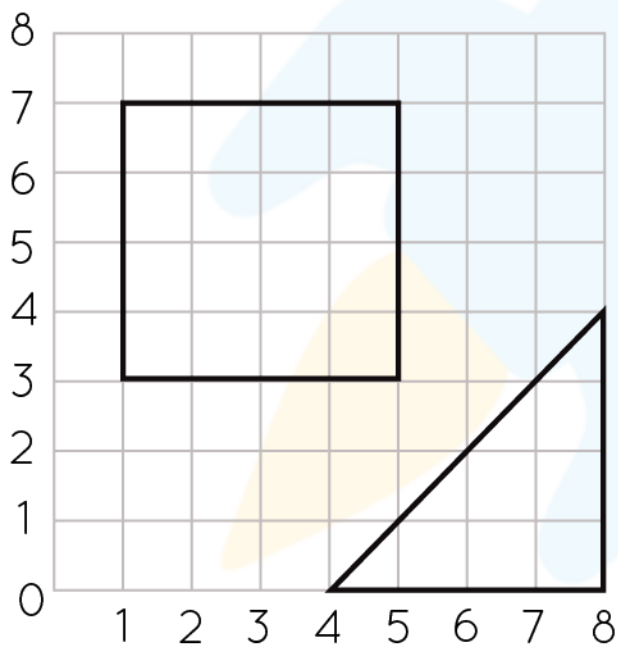
$$K = (5, _)$$

$$L = (_, _)$$

7) For the triangle given below, write the coordinates of the vertices.



Answer the following questions (8-10) based on the information given in the image shown below.



8) What are the coordinates of the vertices of the square shown above?

9) Write the coordinates of the vertices of the triangle shown above.

10) Write the coordinates of ends of any diagonal of the square.

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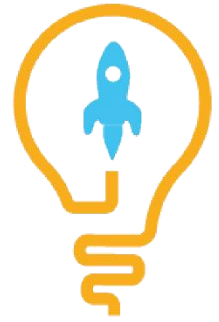
- Kirk Riley

"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."

- Barbara Cabrera

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**ANSWERS**

1)	(4, 6)
2)	(3, 1)
3)	No
4)	i-b ii-c iii-d iv-a
5)	(3, 3)
6)	J (2, 3) K (5, 1) L (1, 6)
7)	A (2, 4) B (3, 1) C (1, 1)
8)	(5, 3), (5, 7), (1, 7), and (1, 3)
9)	(4, 0), (8, 0), (8, 4)
10)	(1, 3), and (5, 7) Or (5, 3), and (1, 7)

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*.

