

Generating Math Patterns From Rules - Guided Lesson Explanation

Explanation#1

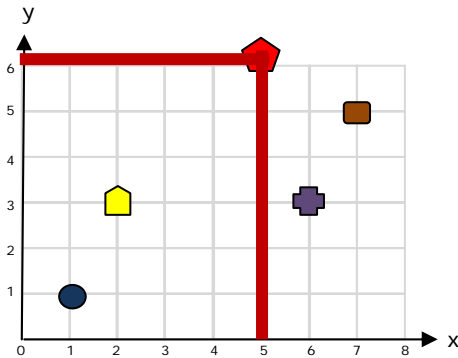
Here you have to use the graph to complete the table.

Study the graph and see at which point 13 lies on x axis.

The 13 lies on '8' on x axis. The blank would then be filled with an 8.

Explanation#2

We need to recognize the shape according to the question (5 , 6)



Locate 5 on x axis (left to right) on the graph.

Also locate 6 on y axis (up and down). The shape is on 5, 6.

Explanation#3

Now compare both the graphs according to the function.

$$y = x + 2$$

Now assume x with any two numbers. Let $x = 2$ and $x = 4$

$$Y = 2 + 2 = 4 \quad (2, 4) \quad \text{and} \quad Y = 4 + 2 = 6 \quad (4, 6)$$

Now look on the graph and find the points (2,4) and (4, 6). Only graph A has that point.

The answer will be graph A.

