

Determining Math Input / Output Patterns Lesson

Determine the math rule displayed by the input / output chart.

In	Out
9	13
12	16
21	25
37	41
52	56

Explanation:

Step 1) Find the difference between the input and output values on the chart.

In	Out	Difference
9	13	+4
12	16	+4
21	25	+4
37	41	+4
52	56	+4

Step 2) Write a math sentence to display the rule (+4)

You can use any variable you wish to demonstrate the input. In this case we will use the variable x to display the input. We can use any variable to display the output, in this case I chose to use y .

$x = \text{input} , y = \text{output}$

The rule says that if we add 4 to the input (x), we will get y .

$$x + 4 = y$$

