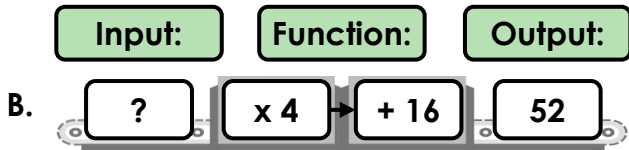
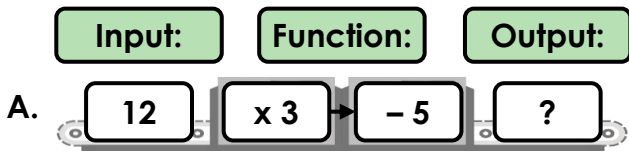


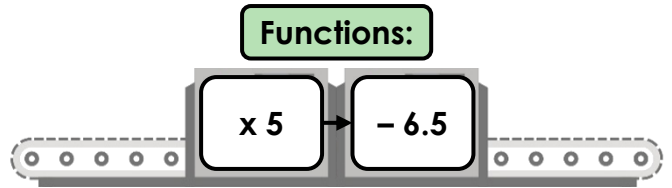
# Find a Rule – Two Step

1. Find the missing input and output to the two-step function machines below.



VF

4. Jenna is using a function machine.



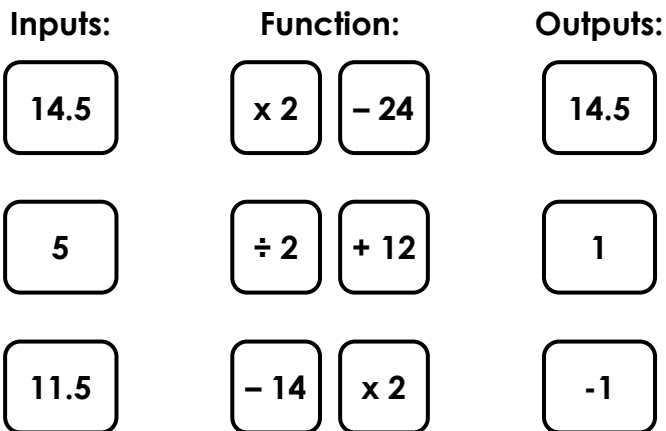
She inputs a number to generate an output.

She then puts her output back through the machine. She has a final output of 111.

What was Jenna's original input?

PS

2. Match the inputs and outputs to the correct two-step function below.

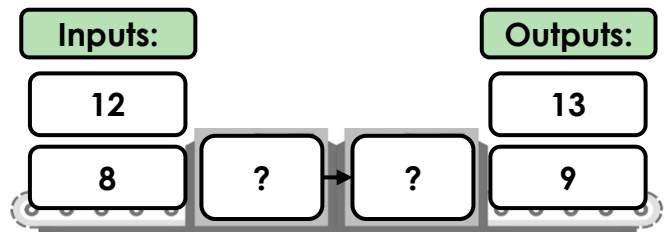


VF

5. Jordan has been given the function machine below. He says,



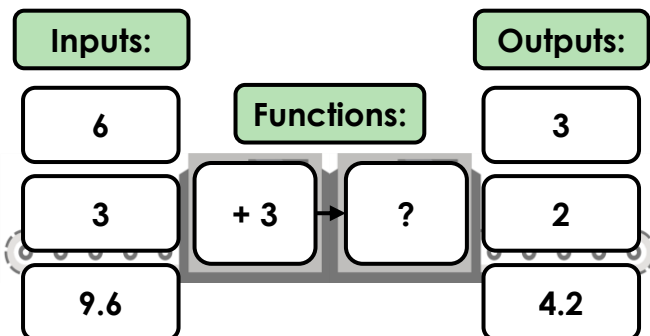
I think that the first step of the function is  $\div 2$  and the second step is  $+ 7$ , because  $12 \div 2 = 6$  and  $6 + 7$  is 13.



Do you agree? Explain your answer.

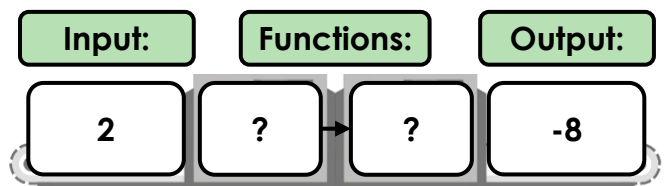
R

3. Complete the two-step function machine below.



VF

6. Insert two functions that could be used to make the function machine correct.



Find two possibilities.

PS