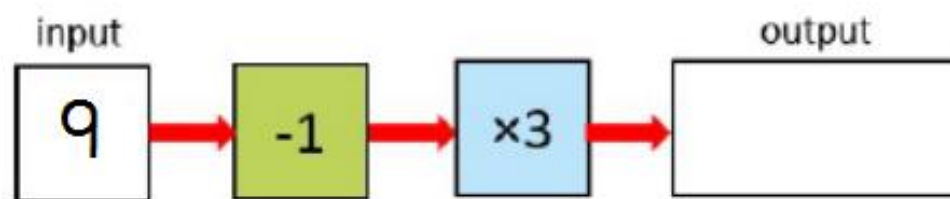
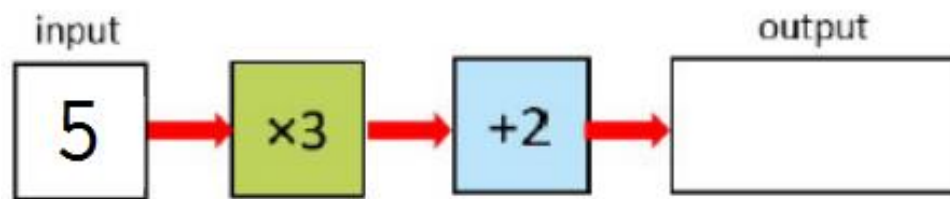
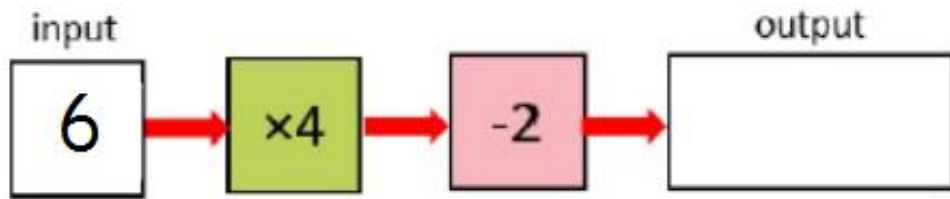
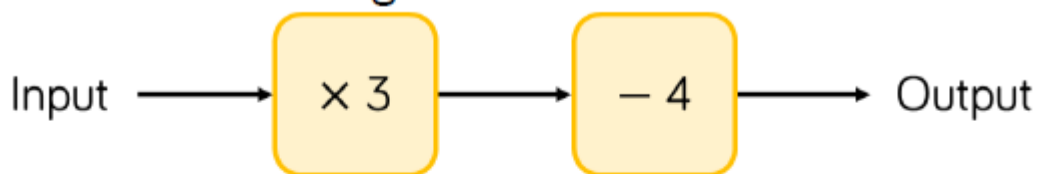


Calculate the inputs for the function machines.



Complete the table for the given function machine.



Input	1	2	3	4	5
Output					

- What patterns do you notice in the outputs?
- What is the input if 20 is the output? How did you work it out?

Teddy has two function machines.



He says,



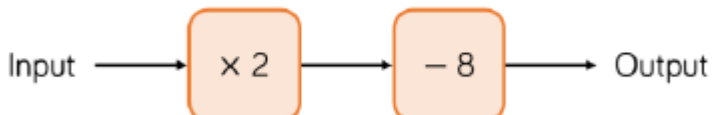
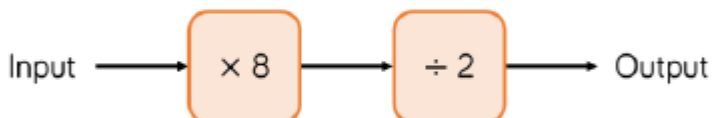
The function machines will give the same answer.

Is Teddy correct?

Is there an input that will give the same output for both machines?

Working Deeper

Mo has the following function machines.



Explain which of these can be written as single function machines.