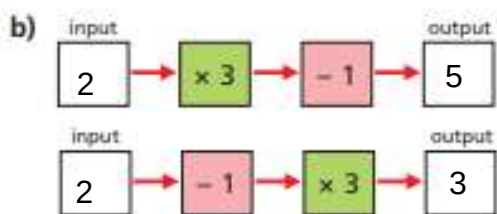
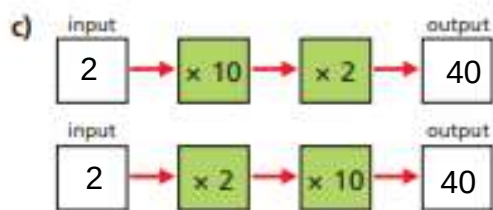
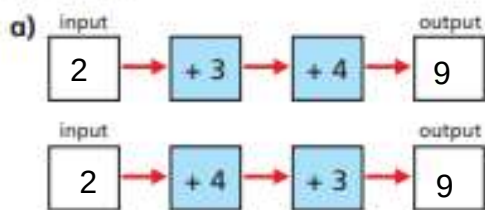


Tuesday – RPS level 2

Which pair of function machines will give the same outputs for a given input?



A and C have the same output as input

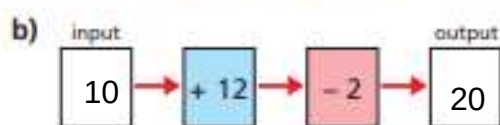
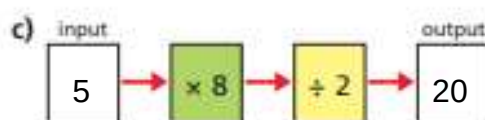
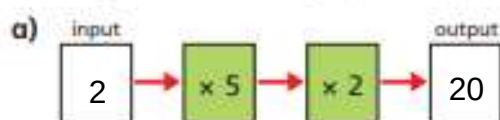
Explain your reasoning to a partner.



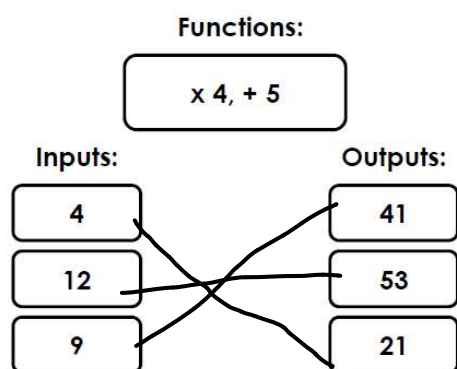
Here are some 2-step function machines.

For each machine, write a single step that would give the same output.

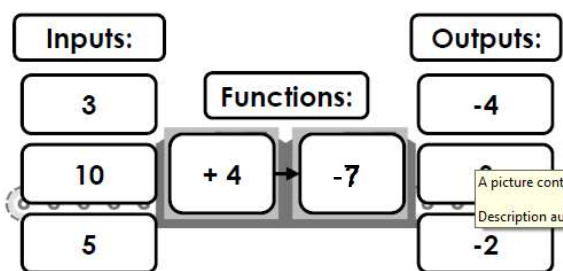
Check your answers by inputting values.



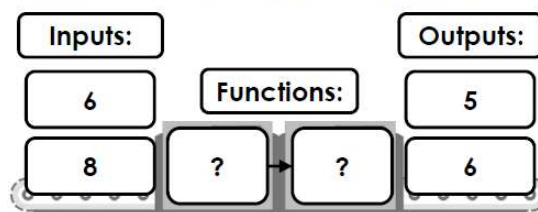
5a. Use the two-step function to match the inputs to the correct outputs.



6a. Complete the two-step function machine below.



5a. True or false? Explain your answer. Suggest what the functions could be.



I think that the function is $\div 3$ and then add 3 because $6 \div 3$, then $+3$ is 5.

henry is wrong because 6 divided by two $=3$ and
and the 8 divided by 2 $8 \div 2 = 4$ and $4 + 2 = 6$
divide by 2 and $+2$