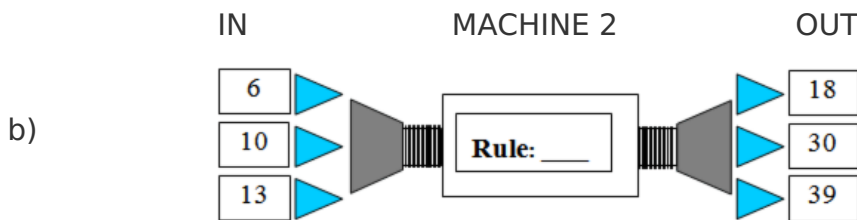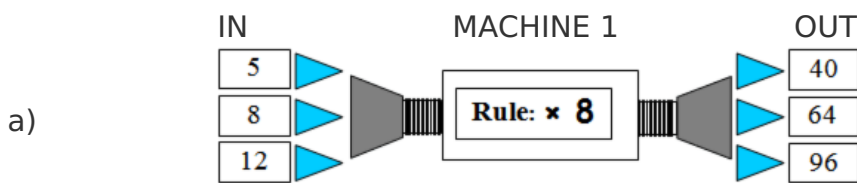# Machine rules II

This task is about working out the rules for some number machines.

Numbers are put into machines and come out changed. Each machine uses a different rule to change the numbers.

Work out the rule for the machines below and write it for each machine. The first one has been done for you.

a)

IN	MACHINE 1	OUT
5	**Rule: × 8**	40
8		64
12		96

b)

IN	MACHINE 2	OUT
6	**Rule: ____**	18
10		30
13		39

Some machines have **two rules** that change the numbers.
Work out the two rules for the machines below and write them for each machine.

c)

IN	MACHINE 3		OUT
5	**Rule 1:** ____	9	**Rule 2:** ____	19
12		16		26

d)

IN	MACHINE 4		OUT
4	**Rule 1:** ____	8	**Rule 2:** ____	13
10		20		25