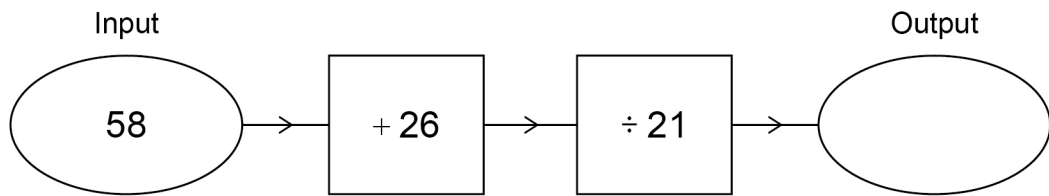


- 1 (a)** Here is a number machine.

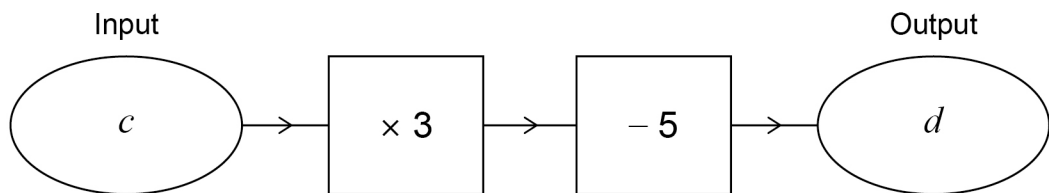


Work out the output.

[1 mark]

Answer _____

- 1 (b)** Here is a different number machine.

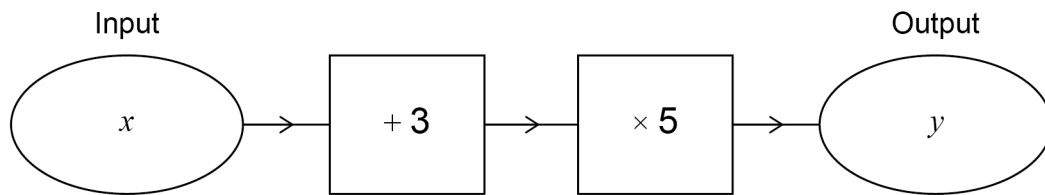


Work out a formula for d in terms of c .

[2 marks]

Answer _____

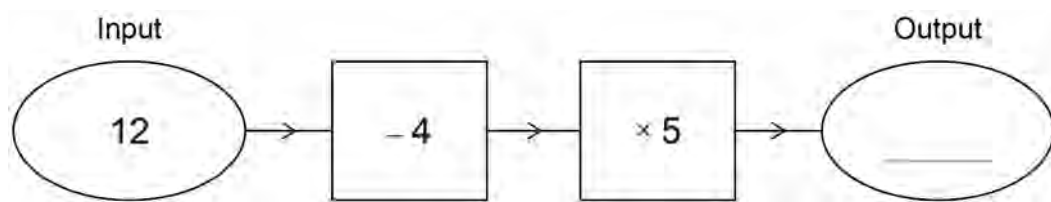
- 2** Luke wants to make a number machine so that $y = 5x + 3$
Here is his attempt.



What mistake has he made?

[1 mark]

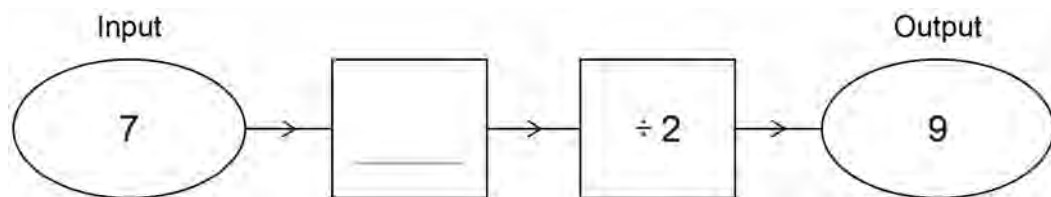
- 3 (a) Here is a number machine.



Complete the number machine.

[1 mark]

- 3 (b) Here is a different number machine.



Complete the number machine.

[1 mark]
