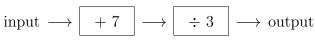
NO calculator

1. Here is a number machine

input
$$\longrightarrow$$
 $\div 10$ \longrightarrow output

Work out the **output** when the input is 40

2. Here is a number machine



Work out the **output** when the input is 5

3. Here is a number machine

input
$$\longrightarrow$$
 $\boxed{-5}$ \longrightarrow output

Work out the **input** when the output is 12

4. Here is a number machine



Work out the **input** when the output is 20

5. (a) Here is a way to convert oven temperatures from a gas mark into $^\circ F.$

 $\begin{tabular}{|c|c|c|c|}\hline Temperature \ ^\circ F \ = \ \hline Gas \ mark \ \times \ 25 \ + \ \hline 250 \ \hline Name needs to convert gas mark \ 5 into \ ^\circ F. \end{tabular}$

Work down this temperature in °F.

(b) You can use this rule to work out the total wage of a delivery driver.

 $\pounds 8~{\rm per}$ hour plus tips

Onile works as a delivery driver for 9 hours and got £17 tips. Work out Onile's total wage.

(c) Here is the price list for motor racing experience laps.

Moto Experience	
First lap and training	£125
All other laps	£35

Caz has booked and paid for 5 laps.

Work out the total cost of the 5 laps.