

NO calculator

1. Here is a number machine

$$\text{input} \longrightarrow \boxed{\div 10} \longrightarrow \text{output}$$

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

2. Here is a number machine

$$\text{input} \longrightarrow \boxed{+ 7} \longrightarrow \boxed{\div 3} \longrightarrow \text{output}$$

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

3. Here is a number machine

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

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

4. Here is a number machine

$$\text{input} \longrightarrow \boxed{- 3} \longrightarrow \boxed{\times 5} \longrightarrow \text{output}$$

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