1.   1. . . . .

2.   2. . . . .

3.   3. . . . .

4.   4. . . . .

5. Here is a number machine

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

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

6. Here is a number machine

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

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

7.   7. . . . .

8. Here is a number machine

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

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

9.   9. . . . .

10. Here is a number machine

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

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