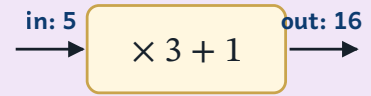


Tables of values – input → output

A **table of values** shows what a rule does. The rule is a **function machine**: a number goes in, the rule is applied, a new number comes out.



→ Rule ' $\times 3 + 1$ ': Input 1 → output 4. Input 2 → 7. Input 5 → 16.

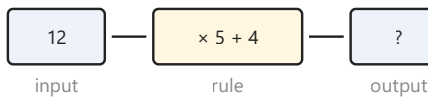
WARM-UP

The first two outputs apply the rule ' $\times 3 + 1$ '. Apply the same rule to the rest.

	Output
a. 1	4
b. 2	7
c. 3	<input type="text"/>
d. 5	<input type="text"/>
e. 10	<input type="text"/>
f. 20	<input type="text"/>
g. 100	<input type="text"/>

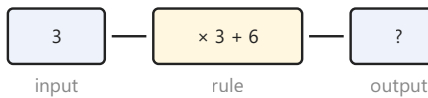
PRACTICE

1



Aoife's granny is baking barmbrack for the Halloween weekend. Each loaf needs **5** spoons of sultanas plus **4** extra spoons for the topping. If she bakes **12** loaves, how many spoons of sultanas does she use altogether?

2



Cian and his friends play a lunchtime soccer match in the schoolyard. They score **3** goals using a rule for points: multiply the goals by **3**, then add **6** bonus points for fair play. How many points do they get in total?