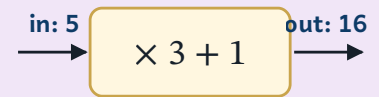


Tables of values – input → output

WHAT THIS LESSON TEACHES

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.



ANSWER KEY

a) 1: 4

b) 2: 7

c) 3: 10

d) 5: 16

e) 10: 31

f) 20: 61

g) 100: 301

Q1: 32

Q2: 15

Q3: 129

Q4: 68

EXTENSION SHEET · STRETCH ANSWERS

S1: 63

S2: 94

S3: 64