Linear Functions

A **constant rate of change** makes a straight line

Equation

- $y = 3x + 2$
- Rate of change: 3. Starts at: 2.

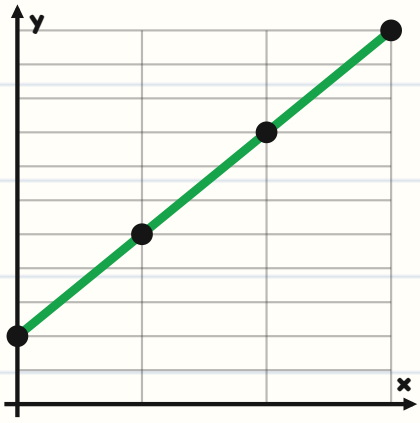
Table

- x goes up 1, y goes up 3

x	0	1	2	3
y	2	5	8	11

Graph

- A straight line



Words

- Start at 2 and add 3 each time

Change in y ÷ change in x is the same every time → the function is linear.