

19th February



Corbettmaths

Explain the meaning of each of these expressions.

4y

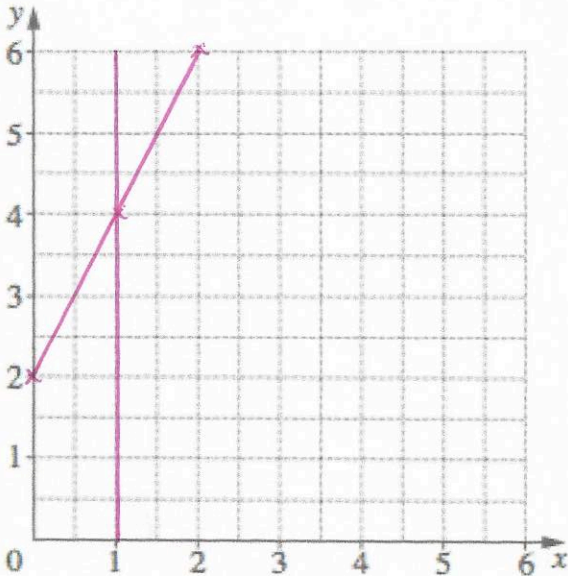
four times y
or
four lots of y etc.

y^2

y squared or y times y

xy

x multiplied by y



Draw $x = 1$

Draw $y = 2x + 2$

x	0	1	2
y	2	4	6

The rule for generating a sequence is:

Add 4
then
Multiply by 2

$$3 + 4 = 7$$

$$7 \times 2 = 14$$

$$14 + 4 = 18$$

$$18 \times 2 = 36$$

The first term is 3

Work out the second and third terms.

2nd term 14

3rd term 36

Divide £945 in the ratio 2 : 5

$$2 + 5 = 7$$

$$945 \div 7 = 135$$

$$135 \times 2 = \underline{270}$$

$$135 \times 5 = \underline{675}$$