

My brother is 5 years older than me.

The sum of our ages is 111 years.

w , x and y are three positive integers.

w is 20% of y .

x is one-sixth of y .

y is less than 100.

$$4(x + 5) = 28$$

$$y^2 + 8y$$

$$x^4 \times x^4$$

$$x^4 \div x^4$$

7 11 15

$$7x - 5 < 3x - 1$$

$$10x^2 - 15xy$$

$$3cd^5 \times c^2d$$

$$a(3x + 2) + b(4x - 5) \equiv 34x - 31$$

$$\sqrt{75} \times \sqrt{3}$$

$$\frac{\sqrt{18}}{\sqrt{2}}$$

$$y^2 = x + 3$$

$$y = x - 3$$

The n th term of a sequence is $100 - 3n$.

$$a = 10, b = 2 \text{ and } c = -6$$

$$\frac{ab - c}{c + 4}$$

$$2x + 5$$

$$3x - 8$$

$$4x - 21$$

p is a number.

12 is the highest common factor of 24 and p .

n is an integer and $-2.5 \leq n < 1$

In a sale the price of a computer is decreased by 30%.

The price in the sale is £560.

$$\frac{10c^2 + 8cd}{(2ab^4)^3}$$

$$c = \frac{10(t - d)}{d}$$

$$\frac{3^0}{27^3} \quad \frac{5}{4^2}$$

$$y = 1 - 2x$$

$$y = x^2 - 3x - 5$$

$$r = \sqrt{y^2 - x^2}$$

$$y = 5\sqrt{2} \text{ and } x = \sqrt{6}$$

