

# Maths facts from Year 5



*Learning these Maths facts from Year 5 will really help you in Year 6.*

1	Multiples of a number are the answers in the times-tables for that number and beyond e.g. the multiples of 5 are 5, 10, 15, 20, 25, 30 etc.
2	Factors of a number are whole numbers that 'go into' that number. They usually come in pairs. For example, the factors of 10 are 1 and 10 (as $1 \times 10 = 10$ ) and also 2 and 5 (as $2 \times 5 = 10$ )
3	A square number is a number multiplied by itself e.g. $4^2 = 4 \times 4 = 16$
4	A cube number is a number multiplied by itself twice e.g. $4^3 = 4 \times 4 \times 4 = 64$
5	Here's how to read and partition a number with 7-digits: 1,234,567 = 1,000,000 + 200,000 + 30,000 + 4,000 + 500 + 60 + 7 (one-million, two-hundred-and-thirty-four-thousand, five-hundred-and-sixty-seven)
6	When you multiply a number by 10/100/1000, you move all the digits 1/2/3 places to the left e.g. $5.6 \times 100 = 560$
7	When you divide a number by 10/100/1000, you move all the digits 1/2/3 places to the right e.g. $540 \div 1000 = 0.54$
8	A number is called 'prime' if it has no factors except 1 and itself
9	If a fraction is in hundredths, the numerator is the percentage e.g. $51/100 = 51\%$
10	$1/5 = 0.2$ ; $2/5 = 0.4$ etc.
11	In Roman numerals, M = 1000
12	One inch is approximately 2.5 cm
13	5 miles is approximately 8 km
	Angles are measured in degrees ( $^{\circ}$ ) and there are $360^{\circ}$ in a full turn
14	The angles of a triangle always add up to $180^{\circ}$
15	A right angle is $90^{\circ}$
16	An acute angle is one which is less than $90^{\circ}$
17	An obtuse angle is one which is greater than $90^{\circ}$ and less than $180^{\circ}$
18	A reflex angle is one which is greater than $180^{\circ}$
19	A regular shape is one in which all its sides are the same length and all its angles are equal. If not, it is called 'irregular'.
20	100 years = 1 century
21	10 years = 1 decade
22	Area is measured in $\text{cm}^2$ (centimetres squared)
23	To find the area of a rectangle, multiply its longer side by its shorter side

*Maths facts sheets for Years 1-6 are available on the school website*