

Year Six

Key Fact	I can recall	I can apply
I know that multiplying two numbers can be done in any order and that addition of two numbers can be done in any order.		
I know that equals (=) means the same as.		
I know by heart the multiplication facts for the 2 times tables.		
I know by heart the division facts for the 2 times tables.		
I know by heart the multiplication facts for the 5 times tables.		
I know by heart the division facts for the 5 times tables.		
I know by heart the multiplication facts for the 10 times tables.		
I know by heart the division facts for the 10 times tables.		
I know by heart the multiplication facts for the 4 times tables.		
I know by heart the division facts for the 4 times tables.		
I know by heart the multiplication facts for the 8 times tables.		
I know by heart the division facts for the 8 times tables.		
I know by heart the multiplication facts for the 3 times tables.		
I know by heart the division facts for the 3 times tables.		
I know by heart the multiplication facts for the 6 times tables.		
I know by heart the multiplication facts for the 12 times tables.		
I know by heart the division facts for the 6 times tables.		
I know by heart the division facts for the 12 times tables.		
I know by heart the multiplication facts for the 7 times tables.		
I know by heart the division facts for the 7 times tables.		
I know by heart the multiplication facts for the 9 times tables.		
I know by heart the division facts for the 9 times tables.		
I know by heart the multiplication facts for the 11 times tables.		
I know by heart the division facts for the 11 times tables.		

Key Fact	I can recall	I can apply
I know that a fraction is part of a whole.		
I know a decimal is part of a whole.		
I know that equivalent means 'the same as' or 'equal to'.		
I know that when an object or quantity is split into 10 equal parts each part is called one tenth ($\frac{1}{10}$).		
I know that when an object or quantity is split into 100 equal parts each part is called one hundredth ($\frac{1}{100}$).		
I know that when an object or quantity is split into 1000 equal parts each part is called one thousandth ($\frac{1}{1000}$).		
I know that $\frac{1}{2} = 0.5$		
I know that $\frac{1}{4} = 0.25$		
I know that $\frac{3}{4} = 0.75$		
I know that $1/10 = 0.1$		
I know that $1/100 = 0.01$		
I know that $1/1000 = 0.001$		
I know that percent (%) means out of 100.		

Key Fact	I can recall	I can apply
I can use different strategies to double numbers.		
I can use different strategies to halve numbers.		
I know that half of 10 = 5, half of 30 =15, half of 50 = 25, half of 70 =35 and half of 90 = 45.		
I know that even numbers end with 0, 2, 4, 6 and 8.		
I know that odd numbers end with 1, 3, 5, 7 and 9.		
I know that negative numbers are less than zero.		
I know that < means smaller than.		
I know that > means greater than.		
I know that a multiple of a number can be divided by that number without a remainder.		
I know that a common multiple is a multiple of 1 or more numbers eg 10 is a common multiple of 5 and 2.		
I know that a factor can be divided into another number without a remainder.		
I know that a common factor is a factor of one or more numbers eg 12 is a common factor of 24 and 48.		
I know that a multiple of 10 ends in zero.		
I know that multiples of 2 are all even.		
I know that multiples of 5 end in 0 or 5.		
I know that a prime number can only be divided by itself and 1.		
I know that a square number can be represented in the shape of a square and it results from multiplying an integer by itself 2 times. They are represented with the ² notation.		
I know that a cube number can be represented in the shape of a cube and it results from multiplying an integer by itself 3 times. They are represented with the ³ notation.		

Key Fact	I can recall	I can apply
I know that there are 7 days in one week.		
I know the order of the days of the week.		
I know that 1.00pm is the same as 13.00 on a digital clock.		
I know that there are 60 seconds in one minute.		
I know that there are 60 minutes in one hour.		
I know that there are 24 hours in one day.		
I know that am is morning (after 12.00am and before 12.00pm).		
I know that pm is afternoon and evening (after 12.00pm and before 12.00am).		
I know that noon is 12 o'clock lunchtime.		
I know that midnight is 12 o'clock at night.		
I know that there are 100 centimetres (cm) in one metre (m).		
I know that 10 millimetres (mm) = 1cm		
I know that 1000m = 1 Kilometre (Km).		
I know that 1000grams (g) = 1 Kilogram (Kg).		
I know that 1000 millilitres (ml) = 1 Litre (L)		
I know that there are 10 millilitres in 1 centilitre (cl)		
I know that the perimeter is the distance around the outside of the shape.		
I know that the area is the space inside a shape and we measure it in $\text{cm}^2/\text{mm}^2/\text{m}^2/\text{Km}^2$.		
I know the names of each month of the year.		
I know the order of the months of the year.		
I know that there are 365 days in a year but 366 days when it is a leap year.		
I know that there are 28 days in February and 29 days when it is a leap year.		
I know that there are 30 days in September, April, June and November.		
I know that January, March, May, July, August, October and December have 31 days.		
I know that there are 14 days in one fortnight.		
I know that 100 years = 1 century.		
I know that 1000 years =1 millennium.		

Key Fact	I can recall	I can apply
I know that 1 foot = 12 inches.		
I know that 1 mile is approximately 1.6 kilometres.		
I know that volume tells us how much a container holds and is measured as 3 .		
I know that temperature is measured in degrees ($^{\circ}$)		
I know that a quadrilateral is a shape with 4 sides.		
I can name and describe a parallelogram: It is a 2D shape with 4 straight sides. Opposite sides are parallel. It has 4 vertices.		
I can name and describe a trapezium: This is a 2D shape which has 4 straight sides. It has 4 vertices.		
I can name and describe a rhombus: This is a 2D shape with 4 equal straight sides and 4 vertices. Opposite sides are parallel.		
I know that the corners of shapes are called vertices.		
I know that an obtuse angle measures more than 90° but less than 180° .		
I know that an acute angle measures less than 90° .		
I know that angles are measured in degrees ($^{\circ}$).		
I know that a reflex angle measures more than 180° but less than 360° .		
I know that a full turn measures 360° .		
I know that a right angle measures 90° .		
I know that to translate a shape means to move it.		
I can explain what a whole, half, quarter and three-quarter turn is.		
I know that a line of symmetry divides a shape into two identical parts.		
I know that a quarter turn is a right angle.		
I know an angle is the description of a turn.		
I know that two right angles make a half turn.		
I know that three right angles make a three-quarter turn.		
I know that four right angles make a whole turn.		
I know parallel lines are two lines that will never meet.		
I know perpendicular line meet at a right angle.		
I know the difference between horizontal and vertical lines.		

Key Fact	I can recall	I can apply
I know different words for add, eg: Total, sum, increase, plus, altogether, more than.		
I know different words for subtract, eg: Decrease, minus, find the difference, less than, reduce, deduct.		
I know different words for multiply, eg: Lots of, groups of, product, multiplied by.		
I know different words for divide, eg: Shared by, groups of, divisible by.		
I know that numbers are sometimes represented as letters eg x.		
I know that $2x$ means 2 multiplied by x.		
I know that mean = average and can be calculated by finding the total and dividing that by the number of parts.		
I know the y axis is the vertical axis.		
I know that the x axis is the horizontal axis.		
BODMAS Brackets Order Division Multiplication Addition Subtraction		