



Just Know It

Year 5

Learning
Know place value of 6 digit numbers e.g. 234,876 = 2 hundred thousands, 3 tens of thousands, 4 thousands, 8 hundreds, 7 tens, 6 ones
Count forward through zero
Know that a prime number has exactly two factors
Know that a composite numbers has more than two factors
Recall primes up to 19
Know that an integer is a positive whole number
Know that \times by 10/100/1000 digits will move one/two/three columns to the left
Know that \div by 10/100/1000 digits will move one/two/three columns to the right
Recall square numbers to 144
Know that cube numbers are a number that has been multiplied by itself twice e.g. $7 \times 7 \times 7$
Know place value of decimals to 3 decimal places, e.g. 0.712 = 7 tenths, 1 hundredth, 2 thousandths
Recall decimal and percentage equivalents for $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, $\frac{1}{5}$, $\frac{1}{10}$, $\frac{1}{100}$
Know that: right angle = 90 degrees, straight line = 180 degrees, full turn = 360 degrees
Know that a reflex angle is more than 180 degrees and less than 360 degrees
Know that a regular polygon is a 2d shape that has all equal sides and all equal angles
Know that an irregular polygon does not have all its sides and angles equal
Know that congruent means shapes are exactly the same shape and size
Know that reflection produces an image that is the same distance from the mirror line as the object
Know that translation moves a shape up, down, left or right to produce a congruent image
Know the formulae for calculating the area of a rectangle (base \times height)