



Just Know It

Year 1

Learning
What comes before /after a given number to 100
Recognise and write numbers as numerals to 100
Recognise and write numbers as words to 20
Recall Number bonds, Addition and Subtraction facts for numbers to 10
Recall doubles of numbers up to 5 and corresponding halves
Know the order of the days of the week
Know the order of the months of the year
Recognise and name 2-D shapes, circle, rectangle, square, triangle
Recognise and name 3-D shapes, cube, cuboid, pyramid, sphere
Know left and right



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Year 2

Learning
Know place value of 2-digit numbers, e.g. 36 = 3 tens and 6 ones
Know the greater than and less than symbols, $<$, $>$
Recall Number bonds, Addition and Subtraction facts for numbers from 11 to 20
Recall doubles of numbers from 6 to 10 and corresponding halves
Recall 2x, 5x and 10x tables, multiplication and division facts
Recognise £ and p to denote pounds and pence
Recall 100 pence = £1
Recall 100 centimetres = 1 metre
Recall 60 minutes = 1 hour and 24 hours = 1 day
Recognise and name 2d shapes, pentagon, hexagon, octagon
Recognise and name 3-D shapes, cylinder, cone



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Year 3

Learning
Know place value of 3-digit numbers, e.g. $436 = 4$ hundreds, 3 tens and 6 ones
Recall number bonds, Addition and Subtraction facts for multiples of ten to 100
Recall $3x$, $4x$ and $8x$ tables, multiplication and division facts
Recall doubles of multiples of 5 up to 50 and corresponding halves
Recall 10 millimetres = 1 centimetre
Recall 60 seconds = 1 minute, 365 days = 1 year, 366 days = 1 leap year
Know the number of days in each month
Know perimeter is the total distance around the outside of a shape
Know the terms perpendicular, parallel, vertical and horizontal
Know that a polygon is a 2-D shape with straight sides



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Year 4

Learning
Know place value of 4-digit numbers, e.g. 2436 = 2 thousands, 4 hundreds, 3 tens and 6 ones
Recall number bonds to 1, Addition and Subtraction facts of decimals with one decimal place
Recall 6x, 7x, 9x, 11x, and 12x tables, multiplication and division facts
Know that a factor divides into another number without a remainder
Know that a multiple is made by multiplying two whole numbers
Know the effect of multiplying and dividing by 1, and multiplying by 0
Know that $\frac{100}{100} = 1$ and $\frac{10}{100} = \frac{1}{10}$
Recall decimal equivalents for $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{3}{4}$
Know place value of decimals to 2 decimal places, e.g. 0.71 = 7 tenths and 1 hundredth
Recall 1000 metres = 1 kilometre, 1000g = 1 kilogram
1,000m=1km, 1,000g=1kg, 1,000ml=1l
Know that area of a 2d shape is the amount of space inside
Recall 12 and 24 hour clock conversions (o'clock)
1 year = 52 weeks



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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
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
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 $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{1}{10}$, $\frac{1}{100}$
Know that: right angle = 90 degrees, straight line = 180 degrees, full turn = 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 the formulae for calculating the area of a rectangle (base x height)



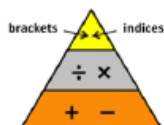
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Year 6

Learning

Know place value of 6 digit numbers e.g. 4,234,876 = 4 millions, 2 hundred thousands, 3 tens of thousands, 4 thousands, 8 hundreds, 7 tens, 6 ones

Know the order of operations:



Know that a common factor is a factor that is shared by more than one number

Know that a common multiple is a multiple shared by more than one number

Know that a fraction in its 'simplest form' is a fraction where the numerator and denominator do not have any common factors other than 1

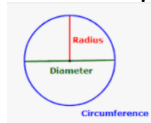
Recall decimal and percentage equivalencies for $\frac{1}{3}$ and $\frac{1}{8}$

Know the formulae for area of a triangle (base \times height \div 2)

Know the formulae for area of a parallelogram (base \times height)

Know the formulae for the volume of a cuboid (length \times width \times height)

Know the properties of a circle: radius, diameter, circumference



Know the interior angles of a triangle sum to 180 degrees

Know the interior angles of a quadrilateral sum to 360 degrees

Know that vertically opposite angles are equal

Know that mean is the sum of the set of data \div number of items