

MONKEY MATHS!



Number and Place Value

I can read Roman numerals to 100 and understand how numerals changed.

I can solve number and practical problems using place value.

I can round any number to the nearest 10, 100 or 1000.

I can identify, represent and estimate numbers.

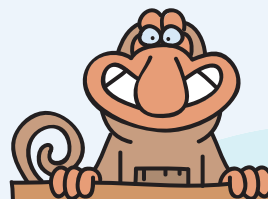
I can order and compare numbers beyond 1000.

I can recognise the place value of each digit in a 4-digit number.

I can count backwards through zero to include negative numbers.

I can find 100 more or less than a given number.

I can count in multiples of 6, 7, 9, 25 and 1000.



Addition and Subtraction

I can solve mental calculations with increasingly large numbers.

I can solve subtraction 2-step problems, deciding methods to use.

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I can use inverses to check answers to calculations.

I can estimate to check answers to calculations.

I can subtract numbers with up to 4 digits using written methods.

I can add numbers with up to 4 digits using written methods.



Multiplication and Division

I can solve problems involving multiplying and dividing.

I can multiply 3-digit numbers by a 1-digit number.

I can multiply 2-digit numbers by a 1-digit number.

I can recognise and use factor pairs in mental calculations.

I can multiply 3 numbers together.

I can use place value, known and derived facts to divide mentally.

I can use place value, known and derived facts to multiply mentally.

I can recall \times and \div facts for multiplication tables up to 12×12 .



Fractions

I can solve simple measure and money problems involving fractions & decimals.

I can compare numbers with the same number of decimal places.

I can round decimals with 1 decimal place to the nearest whole number.

I can find the effect of dividing a number by 10 & 100 and identify the value of the digits in the answer.

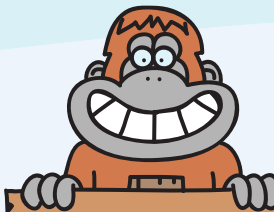
I can recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$.

I can recognise and write decimal equivalents of any number of 10ths or 100ths.

I can add and subtract fractions with the same denominator.

I can identify, name and write equivalent fractions of a given fractions.

I can count up and down in 100ths and recognise how 100ths arise.



Measures

I can solve problems, converting hrs to mins, mins to secs, years to months and weeks to days.

I can read, write and convert time between analogue and digital clocks.

I can estimate, compare & calculate different measures including £ and p.

I can find the area of rectilinear shapes by counting squares.

I can measure and calculate the perimeter of a rectilinear figure in cm and m.

I can convert between different units of measure (e.g. km to m)



Geometry

I can plot points and draw sides to complete a polygon.

I can translate shapes.

I can describe position on a 2-D grid as co-ordinates in the first quadrant.

I can complete a simple symmetric figure.

I can identify lines of symmetry in 2-D shapes in different orientations.

I can compare and order angles up to 2 right angles by size.

I can identify acute and obtuse angles.

I can compare & classify geometric shapes based on properties & size.



Statistics

I use a range of scales when interpreting and presenting data.

I can solve 'difference' problems using information presented in charts.

I can solve 'sum' problems using information presented in charts.

I can solve 'comparison' problems using information presented in charts.

I can interpret and present data using line graphs.

I can interpret and present data using bar charts.