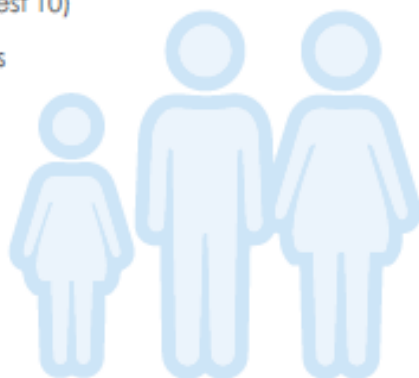


Parents' Guide

'Must do' by the end of Year 5

Number

- ✓ Read, write and order numbers to 1,000,000
- ✓ Count on and back in steps of 100, 1,000, 10,000 up to 1,000,000
- ✓ Round any number to the nearest 10, 100, 1,000, 10,000 or 100,000
- ✓ Estimate and calculate additions involving 2, 3-digit numbers (to nearest 10)
- ✓ Estimate and calculate subtractions involving 2, 3-digit numbers (to nearest 10)
- ✓ Estimate and calculate multiplications involving a 2-digit and a 3-digit numbers (to nearest 10)
- ✓ Estimate and calculate divisions of a 3-digit number by a 1-digit number (to nearest 10)
- ✓ Add 3, 5-digit numbers using column addition
- ✓ Subtract one 5-digit number from another, using column subtraction
- ✓ Rapid Recall: Mentally add a 2-digit number to a 3-digit number
- ✓ Rapid Recall: Mentally add a 1000s number to a 5-digit number
- ✓ Rapid Recall: Mentally subtract a 2-digit number from a 3 or 4-digit number
- ✓ Rapid Recall: Mentally subtract a 1000s number from a 5-digit number
- ✓ Know all factors that make up numbers to 100
- ✓ Recognise all prime numbers to 100
- ✓ Multiply a 4-digit number by a 2-digit number using formal methods
- ✓ Divide a 4-digit number by a 1-digit number (with remainders)
- ✓ Multiply numbers by 10, 100 and 1,000



Parents' Guide

'Must do' by the end of Year 5

Number

- ✓ Divide number by 10, 100 and 1,000
- ✓ Recognise and use square numbers and square roots
- ✓ Know and use the symbols (2), (3) and ($\sqrt{\quad}$) accurately
- ✓ Fractions: Compare and order fractions whose denominators are multiples of the same number
- ✓ Convert mixed numbers to improper fractions and *visa versa*
- ✓ Add and subtract fractions with the same denominator
- ✓ Multiple proper fractions and mixed fractions by whole numbers

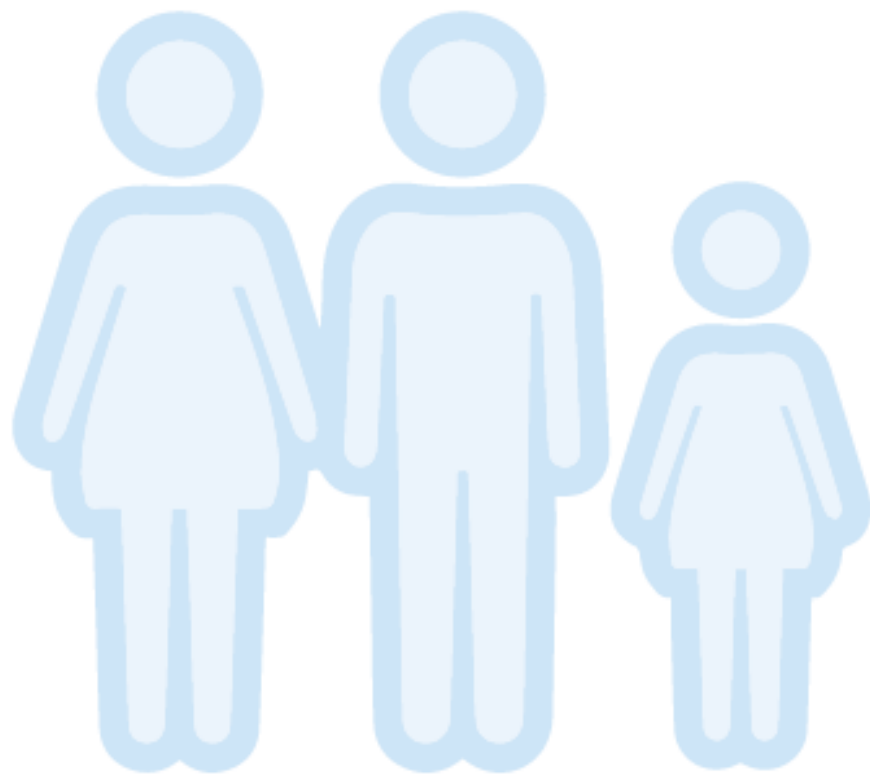
Number

- ✓ Decimal Fractions: Read and write decimal numbers as fractions (up to hundredths)
- ✓ Round decimals with two decimal places to nearest whole number and one decimal place
- ✓ Read, write, order and compare decimal numbers with up to three decimal places
- ✓ Percentages: Recognise the % symbol
- ✓ Understand that percentage is measured as part of 100
- ✓ Solve problems which require knowing percentage and decimal value of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$ and $\frac{4}{5}$.



Parents' Guide

'Must do' by the end of Year 5



Shape and measures

- ✓ Measure angles in degrees
- ✓ Draw a given angle accurately
- ✓ Know and use reflex angles
- ✓ Construct shapes from given dimensions
- ✓ Identify 3D shapes from 2D representations
- ✓ Identify, describe and represent the position of a shape following reflection and translation
- ✓ Add, subtract, multiply and divide units of measure (using decimal notation)
- ✓ Understand and use basic equivalence between metric and common imperial units
- ✓ Calculate, estimate and compare areas of squares and rectangles using cm squared (cm^2) and metre squared (m^2)
- ✓ Recognise volume in practical contexts