

Work with numbers to 10 000 000 confidently, including negative numbers. Solve number and practical problems.

Multiply 4 digit numbers by a 2 digit number using the formal written method of long multiplication.

Divide 4 digit numbers by a 2 digit number using the formal written method of long multiplication. Interpret remainders by rounding or as a fraction.

Calculate with large numbers mentally.

Identify multiples, factors, prime numbers, prime factors. Use common factors to simplify fractions and common multiples to express fractions in the same denomination.



Year 6 Maths

Add and subtract fractions with different denominations add mixed numbers. Multiply simple pairs of fractions. Divide fractions by whole numbers.

Recognise and convert mixed numbers and improper fractions. Solve problems which require knowing percentage and decimal equivalents of fractions.

Understand ratio when comparing quantities, sizes and scale drawings by solving problems.

Solve problems involving the calculation of percentages and using percentages for comparison.

Remember, understand and use equivalences between fractions, decimals and percentages.