

# Year 5 Maths Objectives



Interpret negative numbers in context

Read Roman numerals to 1000, including years

Recognise and use square and cube numbers, and know the notation

Use rounding to check answers and determine accuracy

Identify multiples and factors, including finding factor pairs and common factors

Use vocabulary: prime numbers, prime factors and composite numbers

Know prime numbers up to 19

Multiply and divide numbers by 10, 100 or 1000, including decimals

Use long multiplication for multiplying numbers of up to 4 digits by one or two digits

Divide numbers using standard written short division

Convert between mixed numbers and improper fractions

Compare and order fractions whose denominators are multiples of the same number

Identify, name and write equivalent fractions including tenths and hundredths

Add and subtract fractions with denominators that are multiples of the same number

Multiply proper fractions and mixed numbers by whole numbers with support

Read and write decimal numbers as fractions

Round decimals with 2 decimal places to whole number or to one decimal place

Read, write, order and compare numbers with up to 3 decimal places

Recognise % symbol and explain as a fraction with denominator 100 (parts out of 100)

Understand and use common approximate conversions between metric and imperial

Measure and calculate the perimeter of composite rectilinear shapes

Calculate the area of rectangles, and estimate the area of irregular shapes

Use the properties of rectangles to find missing lengths and angles

Distinguish between regular and irregular polygons

Identify 3-d shapes from 2-d representations

Know angles are measured in degrees and compare acute, obtuse and reflex angles

Draw and measure angles to the nearest degree

Identify angles at a point, in a turn and on a straight line

Describe and represent the result of a reflection or translation

Complete, read and interpret information in tables, including timetables