



Maths 8

Order and compare large numbers (up to one million)

Use multiplication facts and make connections with division facts

Use simple formulae expressed in words for one or two-step operations

Calculate the squares of one-digit and two-digit numbers

Find fractions of whole number quantities or measurements

Add and subtract decimals up to two decimal places

Multiply and divide decimals up to two decimal places

Calculate percentages of quantities, including simple percentage increases and decreases by 5% and multiples thereof

Recognise and calculate equivalences between common fractions, percentages and decimals

Calculate simple interest in multiples of 5% on amounts of money

Calculate discounts in multiples of 5% on amounts of money

Convert between different times zones

Solve problems involving the calculation and conversion of units of measure using decimal notation where appropriate

Calculate the volumes of cubes and cuboids

Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles

Interpret plans, elevations and nets of simple 3-D shapes

Find the mean and range of a set of quantities

Use probabilities to compare the likelihood of events

Use equally likely outcomes to find the probabilities of simple events and express them as fractions

Present results with appropriate explanation and interpretation

Analyse and interpret answers in the context of the original problem

Demonstrating simple reasoning to support the process and show consistency with the evidence presented

Read, understand and use mathematical information and mathematical terms used at this level