

All You Need to Know - Checklist

Everything you need to know for Level 2 Functional Skills Maths

- 1 of 70: How to list numbers in size order
- 2 of 70: How to add large numbers without a calculator
- 3 of 70: How to multiply large numbers without a calculator
- 4 of 70: How to subtract large numbers without a calculator
- 5 of 70: How to divide large numbers without a calculator
- 6 of 70: How to make sensible estimates by rounding
- 7 of 70: How to substitute numbers into formula
- 8 of 70: How to turn fractions into decimals
- 9 of 70: How to turn percentages into fractions and decimals
- 10 of 70: How to turn decimals into fractions and percentages
- 11 of 70: How to find a percentage of an amount
- 12 of 70: How to express one number as a percentage of another
- 13 of 70: How to calculate percentage change
- 14 of 70: How to find the original amount after percentage change
- 15 of 70: How to simplify fractions
- 16 of 70: How to switch between improper fractions and mixed numbers
- 17 of 70: How to find a fraction of a specific amount
- 18 of 70: How to add, subtract, multiply and divide fractions
- 19 of 70: How to write one number as a fraction of another
- 20 of 70: How to write decimals in size order
- 21 of 70: How to add and subtract decimal numbers without a calculator

- 22 of 70: How to multiply decimal numbers without a calculator
- 23 of 70: How to divide decimal numbers without a calculator
- 24 of 70: How to calculate time taken to do a job by different numbers of people
- 25 of 70: How to scale up and down
- 26 of 70: How to share amounts into given ratios
- 27 of 70: How to find the total amount when given a ratio part
- 28 of 70: How to write a ratio as 1:n
- 29 of 70: How to write a ratio in its simplest form
- 30 of 70: How to multiple, divide, add and subtract in the correct order
- 31 of 70: How to use brackets and indices in calculations
- 32 of 70: How to calculate compound interest
- 33 of 70: How to save money in equal instalments
- 34 of 70: How to calculate amounts of money
- 35 of 70: How to solve problems involving tax
- 36 of 70: How to convert between metric and imperial units of length
- 37 of 70: How to convert between metric and imperial units of volume
- 38 of 70: How to convert between metric and imperial units of weight
- 39 of 70: How to use a conversion graph
- 40 of 70: How to calculate speed, distance and time
- 41 of 70: How to work with rates of pay
- 42 of 70: How to calculate the area of a triangle
- 43 of 70: How to calculate the circumference of a circle
- 44 of 70: How to calculate the area of a circle
- 45 of 70: How to calculate the area of compound shapes
- 46 of 70: How to calculate the perimeter of compound shapes
- 47 of 70: How to use formulas to calculate the volume of 3D shapes

- 48 of 70: How to find the volume of a triangular prism
- 49 of 70: How to find the volume of a cylinder
- 50 of 70: How to find the surface area of a cylinder
- 51 of 70: How to find the surface area of a cylinder
- 52 of 70: How to calculate the real length from a scale drawing
- 53 of 70: How to make a scale diagram from actual measurements
- 54 of 70: How to plot coordinates on a coordinate grid
- 55 of 70: How to recognise 2D interpretations of 3D shapes
- 56 of 70: How to connect 3D shapes with front, side and plan views
- 57 of 70: How to calculate missing angles around a point
- 58 of 70: How to calculate angles inside shapes made of triangles and quadrilaterals
- 59 of 70: How to plot the corners of common shapes on a coordinate grid
- 60 of 70: How to identify the mode from a collection of data
- 61 of 70: How to identify the median from a collection of data
- 62 of 70: How to calculate the mean from a set of data
- 63 of 70: How to estimate the mean from a grouped frequency table
- 64 of 70: How to compare two data sets using the median and range
- 65 of 70: How to calculate probability from a two-way table
- 66 of 70: How to calculate probability from a probability tree
- 67 of 70: How to fill in the missing information in a two-way table
- 68 of 70: How to calculate the probability of something not happening
- 69 of 70: How to spot positive or negative correlation on a scatter graph
- 70 of 70: How to make estimates using a scatter graph