

FOUNDATION PAPER 3 CALCULATOR Revision List

place value

adding, subtracting, multiplying
and dividing

converting units

accurate measuring

Standard form

scale drawings

nets

frequency tables

Estimating the mean

mode, median, mean and range

angle facts

angles in triangles

angles in polygons

angles in parallel lines

bearings

multiples

factors

primes

LCM and HCF

square numbers

using a calculator

rounding

estimating

fractions to decimals

reciprocals

fractions of amounts

adding and subtracting fractions/mixed numbers

linear graphs

gradient

parallel graphs

real life graphs

simplifying expressions

substitution

expanding

factorising

rearranging formulae

ratio

speed

proportion

best buys

perimeter

area of rectangles

area of triangles

area of parallelogram

area of trapezium

area and circumference of circles

probability

expectation

volume and surface area of prisms

linear equations

construct and solve equations

fractions, decimals and percentages

writing fractions

percentage of amounts

percentage increase/decrease

writing percentages

density

compound interest

reverse percentages

pie charts

scatter graphs

averages from frequency tables

locus

Bar charts

sequences

pythag

trig

congruent

similar shapes

two way tables

venn digrams

tree diagrams

powers

simultaenous equations

linear inequalities

construct and solve inequalities

solving quadratic equations by factorising

cubic and reciprocal graphs

faces edges vertices

coordinates and midpoints
vertical and horizontal lines
limits of accuracy
conversion graphs
frequency polygons
time
function machines
stem and leaf
currency conversions
reading scales
2D shapes
using formulae
temperature
naming parts of a circle

DON'T FORGET TO USE YOUR CALCULATOR WHEN REVISING!

You can still use your individual login for MathsWatch to revise. If you have forgotten your login details, your Maths teacher can get this for you. Click on the videos tab and use the search function to search for any topic you'd like to revise. This is an excellent resource with videos, examples and practise questions.

You can also get the Maths revision books and workbooks from finance. They are £2.80 each and they have short revision notes, examples and practise questions. I would definitely recommend one of these books if you don't have one already.

These are topics we would recommend you revise. They are not all definitely on the paper; neither are they all the topics on the paper! However, they will give you a good basis to answer most questions. The bigger the type the more likely it is to appear! Remember, it is not always about answering the full question but instead getting as many method marks as possible.