

HIGHER PAPER 2 CALCULATOR Revision List

DON'T FORGET TO USE YOUR CALCULATOR WHEN REVISING!

LCM and HCF
increase/decrease by percentage
writing percentages
line graphs
mode, median, mean, range
averages from frequency tables
scatter graphs
sequences
finding nth term quadratic
ratio
speed or density
compound interest
reverse percentages
angles in triangles
angles in polygons
bearings
transformations
locus
expanding
rearrange formulae
circumference and area of circles
area of trapezium
area of sectors
boxplots
length of arcs
volume of prisms
cylinders
cones
gradient
$y=mx+c$
real-life graphs
parallel and perpendicular lines
pythag
trig
similar shapes
area and volume of similar shapes
experimental probability
mutually exclusive and exhaustive
venn diagrams
powers

standard form

solve linear equations

construct and solve equations

solve simultaneous equations

linear inequalities

Quadratic inequalities

construct and solve inequalities

graphical inequalities

reciprocals

recurring decimals

negative and fractional powers

surds

limits of accuracy

choices and outcomes

quadratic graphs

Error intervals

solving quadratic equations by formula

significant points of a quadratic graph

frequency polygons

cumulative frequency graphs

histograms

tree diagrams

conditional probability

Volume of a sphere

circle theorems

direct/inverse proportion

sine/cosine rule

area of any triangle with angles

Surface area

distance time graphs

velocity time graphs

estimating area under curve

tangents to curves

equation of circle graphs

cubic, exponential and reciprocal graphs

transforming graphs

algebraic fractions

functions

composite functions

iteration

vectors

converting between metric units of area/volume
mean from given means
algebraic proofs
simple probability
sin, cos, tan graph
currency conversions
using a calculator

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.