

HIGHER PAPER 3 CALCULATOR Revision List

LCM and HCF
fractions of amounts
percentage of amounts
add and subtract fractions/mixed numbers
increase/decrease by percentage
writing percentages
mode, median, mean, range
Estimating the mean
averages from frequency tables
scatter graphs
sequences
ratio
direct proportion
best buys
speed or density
compound interest
reverse percentages
angles in triangles
angles in polygons
angles in parallel lines
congruent
transformations
expanding
factorise
rearrange formulae
circumference and area of circles
area parallelogram
area of trapezium
length of arcs
volume of prisms
cylinders
cones
gradient
$y=mx+c$
real-life graphs
parallel and perpendicular lines
pythag
trig
area and volume of similar shapes
venn diagrams
powers
standard form
solve linear equations

construct and solve equations
solve simultaneous equations
linear inequalities
construct and solve inequalities
graphical inequalities
limits of accuracy
choices and outcomes
quadratic graphs
solving quadratic equations by factorising
solving quadratic equations by formula
solving quadratic equations by completing the square
frequency polygons
cumulative frequency graphs
boxplots
histograms
tree diagrams
conditional probability
circle theorems
direct/inverse proportion
sine/cosine rule
area of any triangle with angles
velocity time graphs
Distance time graphs
tangents to curves
cubic, exponential and reciprocal graphs
transforming graphs
algebraic fractions
functions
composite functions
iteration
vectors
substitution
algebraic proofs
simple probability
currency conversions
Using a calculator

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.