



- C**heck what you have missed
- A**sk your teacher or buddy for help
- T**ake work home to catch up
- C**opy up missed work
- H**and work in to show your teacher

If you miss any lessons in Maths you need to catch up on the topics, you have missed. You can find work on the topics at www.corbettmaths.com. You can also access resources using this link to find videos and textbook questions using the specific video number.

Chapter 1 – Non-calc FDP	Video
Convert between fractions, decimals and percentages.	130
Convert recurring decimals to fractions.	96
Multiply fractions and mixed numbers.	142
Identify reciprocals and recognise the reciprocal graph.	145
Divide fractions and mixed numbers.	134
Calculate with all four operations and the order of operations.	211
Multiply decimals & solve problems involving money.	94
Find a fraction and percentage of an amount.	137, 234
Calculate a percentage change.	233
Solve reverse fraction and percentage problems.	240
Write one number as a percentage of another.	237
Chapter 2 – Linear Graphs and Gradient	Video
Plot graphs of linear functions with positive and negative gradients, including those defined implicitly and parallel to the axes.	191, 192, 193
Identify points on the line, including the x and y intercepts of an equation.	187
Calculate the gradient of line segments and lines on co-ordinate grids.	189, 190
Determine the equation of a line, recognising the gradient and intercept.	194
Interpret the gradient and intercept of a straight line in context.	198a
Chapter 3 - Transformations	Video
Translate a shape by a given vector.	325, 326
Reflect shapes in horizontal, vertical and diagonal mirror lines.	272, 273
Rotate shapes around a given point.	275
Enlarge shapes by positive integer and fractional scale factors.	104a, 107
Enlarge shapes by negative scale factors.	108
Describe transformations and combine transformations.	
Recognise points of invariance.	392

Chapter 4 - Non-calc ratio and proportion	Video no.
Use ratio notation, simplify ratio and identify equivalent ratio.	269, 271d
Write ratio in the form n:1 or 1:n.	271c
Convert between ratios, fractions and percentages.	269a
Share in a given ratio.	270
Solve problems where quantities are in direct proportion, including best buy scenarios.	254, 210
Solve inverse proportion problems and express ratio and proportion algebraically.	255
Chapter 5 – Angles and similarity	Video no.
Review of angle notation, angles on straight lines, in triangles, quadrilaterals and around parallel lines.	25, 30, 35, 37
Recognise and name polygons.	1
Calculate interior and exterior angles in polygons.	32
Identify similar shapes.	291
Use similarity to find missing information.	292
Chapter 6 – Pythagoras & Trigonometry	Video no.
Calculate missing lengths in right angled triangles using the Pythagorean theorem.	257
Recognise Pythagorean triples and prove a triangle is right angled.	261
Use sin, cos and tan ratios to find missing sides and angles in right angled triangles.	329, 330, 331
Chapter 7 - Probability	Video no.
Describe probabilities on the probability scale.	251
Recognise mutually exclusive outcomes	
Use sample space diagrams.	246
Systematically list all the outcomes of an event.	253
Use the product rule for counting with independent and dependent events.	249
Calculate relative frequencies.	248
Work out expectation.	
Identify fair and biased events.	
Use two way tables & venn diagrams to sort and analyse data.	380

Chapter 8 – Maps and Constuction	Video no.
Measure bearings and use map scales.	
Calculate bearings using angle facts	26, 283
Construct the locus of points from a point or a line.	27a
Find the points equidistant from two points or two lines.	75
Bisect a line or an angle	76
Construct the perpendicular to a point.	78
Construct triangles accurately using a protractor. Identify congruent triangles.	79
Draw the plans and elevations of a shape.	81, 82
Identify a shape from its plans and elevations.	354
Chapter - 9 FDP	Video no.
Use a decimal multiplier to calculate a percentage of an amount, to increase or decrease by a percentage.	238, 239
Calculate the percentage change.	233
Calculate percentage profit and loss.	
Solve original amount problems and calculate successive percentage changes, including compound interest.	236

