

Year 8	Video and worksheet	Worksheet	video only	Tick when revision is complete
8aMa5 and 8bMa5 Revision List				
6.1 Decimal System				
Understand place value of numbers up to three decimal places (3dp)	95			
Multiply and divide whole numbers and decimal numbers by 10, 100 and 1000	202			
Understand and order numbers with up to eight digits	222			
Understand and use negative numbers for temperature and other applications	209			
Know how to determine if a number up to 120 is a prime number	225			
6.2 Addition, subtraction and multiplication				
Use addition and subtraction techniques to multiply mentally				
Multiply a two digit number by a single digit number mentally				
Use the column method to subtract				
Use long multiplication (grid method)	199	199_200		
Use long multiplication (column method)	200			
Solve multi-step problems involving addition, subtraction and multiplication				
Understand BIDMAS and the priority of calculations	211			
6.3 Division				
Be able to use short division to divide a number by a one or two digit number				
Long division using bus stop method	98			
Understand how to write the remainder as a remainder or a fraction or extend as a decimal	103			
Understand when to use division to solve a problem				
6.4 Angles and shapes				
Use a protractor to draw angles including reflex angles	31			
Use a ruler to draw lines to the nearest millimetre				
Be able to complete tessellations	36			
Name different 3D shapes	3			
know the properties of 3d shapes	5			
Be able to construct shapes from their nets	4			
6.5 Properties of shapes				
Know definitions and properties of special triangles	327			
Know definitions and properties of special quadrilaterals and finding missing angles	2			
Know that angles in a triangle add to 180°	37			
Know that angles in a quadrilateral add to 360° and angle properties of each quadrilateral	33			
Understand how to work out the angles in a pentagon			video	
6.6 Algebra				
Write and interpret algebraic formulae				
Substitute numbers into formulae	20			
6.7 Fractions, decimals and percentages.				
Identify equivalent fractions	135			
Simplify fractions by finding highest common factors	146			
Compare two fractions by finding equivalent fractions with common denominators	144			
Understand fractions are a division			video	
Know simple fraction to decimal equivalence (1/4, 3/4, 1/10)	129			
Work out decimal and percentage equivalents of fifths, eighths and tenths				
Convert percentages to fractions	126			
Convert percentages to decimals	127			
6.8 Sequences and patterns				
Understand the definition of a term in a sequence				
Recognise and describe linear sequences				
Find the next term/missing terms of a linear sequence	287			
Generate a linear sequence from its description				
6.9 Converting between units				
Convert between metric units (length)	349a			
Convert between metric units (mass)	349b	Worksheet		
Convert between metric units (capacity)	349c			
Converting between imperial units, where the conversion is given	348a			
6.10 Angle properties				
Identify angles at a point	30			
Identify angles on a line	35	worksheet		
Identify vertically opposite angles	39			
Use known angle facts to find missing angles, with reasoning explanations given			video	