

Year 8 AP3 Learn Sheet 2021-22

Number

Topics	Clip Number	R	A	G
Multiplying fractions	68-69			
Dividing fractions	70			
Fractions of an amount	77			
LCM and HCF	31,32,34,35			
Converting big numbers to standard form	122-124			
Converting small numbers to standard form	122-124			
Calculating in standard form	125-128			
BIDMAS and powers	24,44,99,100			
Prime numbers	28			
Prime factorisation	29,30			
Frequency trees	368-369			
Two-way tables	422-424			

Statistics and probability

Topics	Clip Number	R	A	G
Pie charts	427-429			
Probability	351,352			
Probability adds to 1	353,354			
Expectation	355			
Filling in a Venn diagram	383			

Algebra

Topics	Clip Number	R	A	G
Index laws	105-107			
Collecting like terms	156-157			
Expand single brackets (and simplify)	160-161			
Expand single brackets	160-161			
Forming and solving equations	176			
Solve equations	178-179,184			
Solve inequalities	269			

Shape

Topics	Clip Number	R	A	G
Area of rectangles and triangles	554,557			
Area of a trapezium	559			
Area of circles and semicircles	539,541			
Circumference of a circle	534			
Perimeter of compound shapes	537			
Angle facts	477,485,812			
Angles in parallel lines	481,483			
Angles in polygons	561-564			

Ratio and proportion

Topics	Clip Number	R	A	G
Simplifying ratio and form 1:n	329,331			
Sharing in a ratio	332-334			
Proportion and recipes	339,739			
Best buys	763-765			
Conversion graphs	713			
Converting currency	707,708			
Scale drawing	866			

Useful websites:

www.hegartymaths.com (see your maths teacher for the Login)

www.corbettmaths.com