Year 8 Revision List – Intermediate   HT2 2022-23

Area and Volume:

Objective	Sparx Task	
Find a perpendicular height of parallelogram		
Find area of a parallelogram	M291	
Base and height of a triangle		
Area of a triangle	M610	
What is a trapezium		
Height of a trapezium		
Area of a trapezium	M705	
Area of a trapezium practice	M705	
Trapezium area problems	M705	
Find missing lengths of a shape when given the area	M303	
Compound area	M269 M996	
Circumference of a circle including in terms of pi	M169	
Area of a circle	M231	
Find the area of compound shapes including circles	M269	
Find radius or diameter when given the circumference or area		
Surface area of simple shapes (prisms) using the formulae for triangles and rectangles	M661	
Volume of a cube or cuboid	M765	
Volume of prisms including cylinders	M697 M722	
Change between units of volume	M465	
Convert between metric measures for area and volume	M465	
Find missing lengths in right angled triangles using Pythagoras' theorem	M677	
Apply Pythagoras' theorem to prove whether a triangle is right angled or not	M677	