

**Shape and Handling Data:**

Objective	Sparx Task	
Calculate the circumference of a circle	M169	
Calculate the area of a circle	M231	
Calculate exactly with pi to find area and circumference	M169, M231	
Find the radius or diameter when given the area or circumference	M169	
Calculate the area and perimeter of semi circles and quarter circles	M169, M231	
Find the area of compound shapes including parts of circles	M231	
Calculate the length of an arc	M280	
Find the area of a sector	M430	
Find the perimeter of a sector when given the area or find the area when given the perimeter	M280, M430	
Solve problems with arc lengths and sector areas	M280, M430	
Calculate the volume of prisms	M765, M722	
Calculate the volume of cylinders	M697	
Calculate the surface area of prisms	M661	
Calculate the surface area of cylinders	M936	
Use the formula to find the volume and surface area of a hemisphere and sphere	U617	
Apply the formula to find the volume and surface area of a hemisphere	U893	

Apply the formula to find the volume of a pyramid

U484

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