Similarity		
YEAR	PAPER	QUESTION
2014	2	A supermarket sells cylindrical cookie jars which are mathematically similar.
		COOKIES 15 cm
		The smaller jar has a height of 15 centimetres and a volume of 750 cubic centimetres. The larger jar has a height of 24 centimetres. Calculate the volume of the larger jar. 3
2015	2	The flag at each hole on a golf course is coloured red and blue. The diagram below represents a flag. Triangle QRT represents the red section. PQTS represents the blue section. S P Q Triangles PRS and QRT are mathematically similar. The area of triangle QRT is 400 square centimetres. Calculate the area of PQTS, the blue section of the flag. 4



