Question		Working	Answer	Mark	Notes
17	(a)	$2\pi r^2 + 2\pi r \times 2r$	$6r^2$	2	M1 A1
	(b)	S.A. $6\pi r^2 : 4\pi r^2 = 3 : 2$	Shown	3	M1 ft their answer from (a), must be in terms of r. Ratios could be seen as fractions throughout eg $\frac{3}{2}$
		$V_c : V_s = 2\pi r^3 : \frac{4}{3}\pi r^3$			M1
		$= 3 \times 2 : 4 = 3 : 2$			A1 oe eg ratios could be $\frac{3}{2}:1$