22	$580\pi = \pi \times 20 \times l$ oe		5	M1 for correct substitution into $A = \pi rl$
	$(l =)\dfrac{580\pi}{20\pi}(=29)$			M1
	$\sqrt{"29"^2 - 20^2}\ \ (=\sqrt{441} = 21)$			M1
	$\left(\dfrac{1}{2}\times\dfrac{4}{3}\times\pi\times 20^3\right)+\left(\dfrac{1}{3}\times\pi\times 20^2\times"21"\right)$ or $\dfrac{16\,000}{3}\pi+\dfrac{8400}{3}\pi$ or $\dfrac{16\,000}{3}\pi+2800\pi$			M1 for a complete method (Award M4 for 8133.3…….. if $\dfrac{24\,400}{3}$ is not seen)
		$\dfrac{24\,400}{3}$		A1 $8133.\dot{3}$ or $8133\dfrac{1}{3}$ (as exact form was requested) SC B4 for an answer of 25551(.62….) if no method shown
				Total 5 marks