17	(a)	eg $\frac{24}{36}$ or 2 : 3 oe **or** $\frac{36}{24}$ or 3 : 2 oe		2	M1	for a correct scale factor
			2160		A1	
	(b)	$\left(\frac{24}{36}\right)^3$ or 2³ : 3³ oe **or** $\left(\frac{36}{24}\right)^3$ or 3³ : 2³ oe or $\frac{8}{27}$ or $\frac{27}{8}$ oe		2	M1	For correct SF for volume ft from linear scale factor in (a) or ft from $\sqrt{\frac{"2160"}{960}}$
			(**A** =) $\frac{8}{27}V$ oe		A1	oe eg $\frac{V}{3.375}$
						Total 4 marks

18		$17.8^2 + 26.3^2 - 2 \times 17.8 \times 26.3 \times \cos 36$		3	M1	
		e.g. 1008.5... – 757.... **or** 251(.06...)			M1	for correct order of operations
			15.8		A1	for ans in range 15.8 – 15.9
						Total 3 marks