

<b>Question</b>		<b>Working</b>	<b>Answer</b>	<b>Mark</b>	<b>Notes</b>
17	(a)	eg $\frac{16.1}{48} [=0.335]$ or $\frac{1610}{48}$ or $\frac{16.1}{\cancel{12}\cancel{25}} \text{ or } \frac{x}{16.1} = \frac{1}{48} \text{ or } \frac{x}{1610} = \frac{1}{48}$ or $\frac{x}{16.1} = \frac{25}{12}$ oe		2	M1 correct method or equation to find length in m or cm. Implied by 0.335
		<i>Correct answer scores full marks (unless from obvious incorrect working)</i>	33.5		A1 awrt 33.5
	(b)	$48^3 [=110\ 592]$ or $0.48^3 [=0.110\ 592]$		3	M1 Consideration of cube of scale factor seen. eg $\left(\frac{16.1}{(a)}\right)^3$ or $\left(\frac{1610}{(a)}\right)^3$ or $\frac{995}{V} = \frac{(a)^3}{1610^3}$
		$\frac{995}{100^3} [=0.000995]$ or $[995 \times "110\ 592"] \div 100^3$ $0.48^3 [=0.110\ 592]$			M1 for unit conversion by dividing by $100^3$
		<i>Correct answer scores full marks (unless from obvious incorrect working)</i>	110		A1 awrt 110
					<b>Total 5 marks</b>