Question	Working	Answer	Mark	Notes
20	eg $\sqrt{\frac{36}{25}}\left(=\frac{6}{5}\right)$ **or** $\sqrt{\frac{25}{36}}\left(=\frac{5}{6}\right)$ **or** $\sqrt{36}:\sqrt{25}\ (6:5)$ **or** $\sqrt{25}:\sqrt{36}\ (5:6)$ **or** $\frac{(\sqrt{25})^3}{(\sqrt{36})^3}=\left(\frac{125}{216}\right)$ oe **or** $\frac{36^3}{25^3}=\frac{(\text{vol of large})^2}{300^2}$ **or** $\frac{36}{25}=\frac{(\text{vol of large})^{\frac{2}{3}}}{300^{\frac{2}{3}}}$ oe		3	M1 for a correct scale factor for length – may be given as a fraction or ratio **or** a correct scale factor for volume given as a fraction or ratio **or** a correct equation for the volume of each large block
	eg $300\times\left("\frac{6}{5}"\right)^3$ **or** $300\div\left("\frac{5}{6}"\right)^3$ oe **or** $\sqrt{\frac{300^2\times36^3}{25^3}}$ **or** $\left(\frac{36\times300^{\frac{2}{3}}}{25}\right)^{\frac{3}{2}}$ oe			M1 for a complete method to find the volume of a large block
	Working not required, so correct answer scores full marks (unless from obvious incorrect working)	518.4		A1 allow 518
				Total 3 marks