

Q13 Mark scheme

13		$0.14 = \frac{56}{w^2}$ oe or $56 \div 0.14 (= 400)$		4	M1 for using the given formula correctly
		$\sqrt{\frac{56}{0.14}}$ or $\sqrt{400}$ (=20)			M1 for a method to find w
		'20' $\times$ '20' $\times$ '20' oe			M1 (dep on M2) for a method to find the volume of the cube
			8000		A1
					<b>Total 4 marks</b>