26	eg $\sqrt[3]{1.728}(=1.2)$ oe **or** (length **R** : **S** =) 1 : 1.2 oe eg 5 : 6 **or** (length **R** : **S** : **T** =) 1 : 1.2 : 6 oe eg 5 : 6 : 30 **or** (volume **S** : **T** =) 1.728 : 216 **or** 216 ÷ 1.728 (= 125)		4	M1	for method to find the scale factor between the heights of **R** and **S or** for a correct ratio for the lengths **R** : **S or** for a correct ratio for the lengths **R** : **S** : **T or** for a correct ratio or scale factor for the volumes **S** : **T**
	eg 6 ÷ "1.2" (= 5) **or** $\sqrt[3]{\frac{216}{1.728}}(=5)$ (length **S** : **T** =) 1 : 5 or $\sqrt[3]{1.728} : \sqrt[3]{216}$ (area **S** : **T** =) "1.2"^{2} : 6^2 oe **or** (area **S** : **T** =) 6^2 : 30^2 oe **or** (area **R** : **S** : **T** =) 1 : "1.2"^{2} : 6^2 oe **or** (area **R** : **S** : **T** =) 5^2 : 6^2 : 30^2 oe			M1	for method to find the scale factor between the heights of **S** and **T or** for a correct ratio of the heights of **S** and **T** in the form 1 : *n* **or** for a correct method to find the ratio for the areas **S** : **T** ft their ratio of lengths **or** for a correct method to find the ratio for the areas **R** : **S** : **T** ft their ratio of lengths (maybe seen as the two separate ratios of **R** : **S and R** : **T**)
	eg "5"^{2} **or** (area **S** : **T** =) 1^2 : "5"^{2} **or** (area **S** : **T** =) 1 : 25 **or** $(k =)\frac{36}{1.44}$ oe			M1	for squaring the scale factor of the heights of **S** and **T or** for a correct ratio in the form 1 : *n* for the areas **S** : **T** ft their ratio of areas, may be implied by their final answer **or** for a correct calculation using the area ratio of **S** : **T** to find the value of *k*
	Correct answer scores full marks (unless from obvious incorrect working)	25		A1	cao
					Total 4 marks

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