21	$(FE=)\,28\sin 30\,(=14)$ **or** $(FE=)\,28\cos 60\,(=14)$ **or** $(DE=)\,28\cos 30\left(=14\sqrt{3}=24.2(48...)\right)$ **or** $(DE=)\,28\sin 60\left(=14\sqrt{3}=24.2(48...)\right)$		5	M1 for a method to find *FE* **or** *DE*
	$(FE=)\,28\sin 30\,(=14)$ **or** $(FE=)\,28\cos 60\,(=14)$ **or** $(FE=)\sqrt{28^2-"24.2..."}\left(=\sqrt{196}=14\right)$ **and** $(DE=)\,28\cos 30\left(=14\sqrt{3}=24.2(48...)\right)$ **or** $(DE=)\,28\sin 60\left(=14\sqrt{3}=24.2(48...)\right)$ **or** $(DE=)\sqrt{28^2-"14"^2}\left(=\sqrt{588}=14\sqrt{3}=24.2(48...)\right)$			M1 for a method to find *FE* **and** *DE* (can now use their *FE* or *DE* found for first M1)
	$(AF=)\sqrt{53^2-28^2}\left(=\sqrt{2809-784}=\sqrt{2025}=45\right)$			M1 (indep) for finding *AF*
	$\frac{1}{2}\times"14"\times"14\sqrt{3}"\times"45"$ oe or $\frac{1}{2}\times"14"\times"24.2"\times"45"$			M1 for finding the volume of the prism
	Working not required, so correct answer scores full marks (unless from obvious incorrect working)	7638		A1 allow in the range 7623 – 7639
				Total 5 marks