26	$(BF =)\ \sqrt{10^2+14^2}\ (=\sqrt{296}=2\sqrt{74}=17.2...)$		5	M1	for method to find *BF*
	$(EF =)\ "2\sqrt{74}"\tan 50\ (=20.5...)$ oe **or** $(EF =)\ \dfrac{"2\sqrt{74}"}{\tan(180-90-50)}\ (=20.5...)$ oe **or** $(EF =)\ \dfrac{"2\sqrt{74}"\sin 50}{\sin(180-90-50)}\ (=20.5...)$ oe			M1	for method to find *EF* other longer ways to find *EF* may be used but must be a complete method eg $(BE =)\ \dfrac{"2\sqrt{74}"\sin 90}{\sin(180-90-50)}\ (=26.7\ldots)$ **and** $(EF =)\ \sqrt{"26.7..."^2-296}$
	$(BC =)\ \dfrac{1}{5}\times"20.5..."(=4.1...)$			M1	dep on previous mark for correct method to find *BC*
	eg $\dfrac{"2\sqrt{74}"\tan 50+\frac{1}{5}\times"2\sqrt{74}"\tan 50}{2}\times 10$ oe $\dfrac{"20.5..."+\frac{1}{5}\times"20.5..."}{2}\times 10$ oe **or** $10\times"4.1..."+\dfrac{1}{2}\times 10\times("20.5..."-"4.1...")$ oe **or** $10\times"4.1..."\times 14$ oe **or** $\dfrac{1}{2}\times 10\times("20.5..."-"4.1...")\times 14$ oe **or** $10\times"20.5..."\times 14$ oe			M1	for method to find the area of the cross section *ABCD* **or** method to find the volume of the cuboid $AB \times BC \times BG$ **or** method to find the volume of the triangular prism $\dfrac{1}{2}\times AB\times(AD-BC)\times BG$ **or** method to find the volume of the cuboid $AB \times AD \times BG$ ft their value for *EF* provided first M1 awarded and clearly identified on the diagram or by labelling
	Correct answer scores full marks (unless from obvious incorrect working)	1720		A1	1720 - 1724
					Total 5 marks