17	(a)	$\left(\frac{37+28}{2}\right)\times 20\,(=650)$		4	M1	Correct method to find area of trapezium
		$\sqrt{4.5^2+20^2}\,(=20.5)$ oe			M1	Correct method to find slanted edge *AB* oe
		2 × '650' + 2 × '20.5' × 24 + 37 × 24 + 28 × 24 (2 × '650' + 2 × 492 + 888 + 672)			M1	method to find the sum of the surface areas of at least 4 correct faces (ft their area of trapezium) ignore incorrect areas
			3844		A1	
	(b)	eg $\sqrt{24^2+(37-"4.5")^2}\,(=40.4)$ (*AF* =) $\sqrt{24^2+20^2+(37-"4.5")^2}\ (=45.08...)$		3	M1	Correct method to find diagonal from *A* to point on *HE* below *F* **or** *AF*
		$\tan x = \frac{20}{"40.4"}$ or $\sin x = \frac{20(\sin 90)}{"45.08"}$ or $\cos x = \frac{"40.4"^2+"45.08"^2-20^2}{2\times"40.4"\times"45.08"}$			M1	Correct trig statement for finding the required angle
			26.3		A1	26.3 – 26.4
						Total 7 marks