

Q	Marking instructions	AO	Marks	Typical solution
5	Recalls the formula for the area of a sector $A = \frac{1}{2}r^2\theta$ Or Recalls $A = \frac{\theta}{360}\pi r^2$ and changes their angle to AVRT 80.2°	1.2	M1	$A = \frac{1}{2} \times 8^2 \times 1.4$ $= 44.8 \text{ cm}^2$
	Obtains $\frac{224}{5}$ OE Condone missing or incorrect units If units are converted the value must be correct.	1.1b	A1	
	Question 5 Total		2	