15	360 ÷ 5 (= 72) oe or (5 – 2)×180 ÷ 5 (= 108) oe or 540 ÷ 5 (= 108) oe		3	M1	for a method to find an exterior or interior angle for a regular pentagon Do not award this mark if 108 is assigned as an exterior angle or 72 is assigned as an interior angle Ignore angles on the diagram other than exterior/interior angles of the pentagon even if incorrectly labelled
	$\frac{1}{2}\times 6.5\times 3\times \sin[angle\ DCE]$ oe or $(h=)6.5\times \sin[angle\ DCE]$ (= 6.18….) **and** $\frac{1}{2}\times 3\times "6.18..."$ oe			M1	ft their angle *DCE* when substituting in $\frac{1}{2}\times 6.5\times 3\times \sin[angle\ DCE]$ [*angle DCE*] means their angle *DCE* provided it is less than 90°
	Working not required, so correct answer scores full marks (unless from obvious incorrect working)	9.27		A1	accept 9.26 – 9.28 SC B2 for $\frac{1}{2}\times 6.5\times 3\times \sin"108" = 9.27\ldots$
					Total 3 marks

16	(i)		**E**	1	B1
	(ii)		**A**	1	B1
					Total 2 marks