16 (a)(i)		108	1	B1	**Accept 252**
(ii)		Correct reason	1	B1	dep on (a)(i) correct Angle at the centre(midpoint/origin/middle)is twice the angle at the circumference(side/edge/arc) oe Inscribed angle is half of the central angle oe (accept ∠ for 'angle' and 2 × or double for twice)
(b)		26	1	B1	
(c)	*ABC* = 180 – "64" or $\frac{"108"+"124"}{2}$		2	M1ft	follow through their (½(180 – "108")) in 28 + "36"= 64 ONLY FOLLOW THROUGH THEIR 108
	Correct answer scores full marks (unless from obvious incorrect working)	116		A1	cao
					Total 5 marks