16	(a) (i)		40	2	B1	cao (may be written on the diagram)
	(ii)		Angles in same segment (are equal)		B1	**or** angles at the circumference from the same arc of the circle **or** angles on the same arc of the circle **Alternatively**: (two applications of) Opposite angles of a cyclic quadrilateral sum to 180^o
	(b)		140	1	B1	cao (may be written on the diagram)
						Total 3 marks

17	$yn^2 = n^2 + d$ **or** $y = 1 + \frac{d}{n^2}$		4	M1	
	$yn^2 - n^2 = d$ **or** $-d = n^2 - yn^2$ **or** $y - 1 = \frac{d}{n^2}$			M1	
	$n^2(y-1) = d$ **or** $-d = (1-y)n^2$			M1	for factorising n^2 from a suitable expression. or $n^2 = \frac{d}{y-1}$
		$n = \sqrt{\frac{d}{y-1}}$		A1	Accept $n = \sqrt{\frac{-d}{1-y}}$ Penalise $\pm\sqrt{\ }$
					Total 4 marks