17	(a)		15	1	B1	accept k^{15}
	(b)	eg $\frac{7(2+\sqrt{3})}{(2-\sqrt{3})(2+\sqrt{3})}$ **or** $\frac{7(-2-\sqrt{3})}{(2-\sqrt{3})(-2-\sqrt{3})}$		3	M1	for multiplying the numerator and denominator of the fraction by $2+\sqrt{3}$ or $-2-\sqrt{3}$
		eg $\frac{14+7\sqrt{3}}{4+2\sqrt{3}-2\sqrt{3}-3}$ **or** $\frac{14+7\sqrt{3}}{4-3}$ **or** $\frac{14+7\sqrt{3}}{1}$ **or** $\frac{-14-7\sqrt{3}}{-4-2\sqrt{3}+2\sqrt{3}+3}$ **or** $\frac{-14-7\sqrt{3}}{-4+3}$ **or** $\frac{-14-7\sqrt{3}}{-1}$			M1	dep on previous M1
		Working required	$\sqrt{147}+14$		A1	dep on M2 SCB1 for $\sqrt{147}+14$ gained with no method marks awarded SCB2 for $\sqrt{147}+14$ gained with 1st M1 awarded
						Total 4 marks