Question	Working	Answer	Mark	Notes
16 (a)	Eg $\frac{a+\sqrt{4b}}{a-\sqrt{4b}}\times\frac{a+\sqrt{4b}}{a+\sqrt{4b}}$ **or** $\frac{a+2\sqrt{b}}{a-2\sqrt{b}}\times\frac{a+2\sqrt{b}}{a+2\sqrt{b}}$ **or** $\frac{\left(a+2\sqrt{b}\right)^2}{\left(a+2\sqrt{b}\right)\left(a-2\sqrt{b}\right)}$			M1 For multiplying the numerator and denominator by $a+\sqrt{4b}$ or $a+2\sqrt{b}$
	Eg $\frac{(a+\sqrt{4b})(a+\sqrt{4b})}{a^2-4b}$			M1 dep on M1 for correctly simplified denominator
		$\frac{a^2+4a\sqrt{b}+4b}{a^2-4b}$	3	A1 for $\frac{a^2+4a\sqrt{b}+4b}{a^2-4b}$ **or** $\frac{\left(a+2\sqrt{b}\right)^2}{a^2-4b}$
(b)		2.5 oe	1	B1