16		$\frac{4+\sqrt{8}}{\sqrt{2}-1}\times\frac{\left(\sqrt{2}+1\right)}{\left(\sqrt{2}+1\right)}$			M1 for rationalising the denominator by multiplying numerator and denominator by $\sqrt{2}+1$ (or $-\sqrt{2}-1$) condone missing brackets
		e,g, $\frac{4\sqrt{2}+4+\sqrt{8}\sqrt{2}+\sqrt{8}}{2-1}$ **or** $\frac{4\sqrt{2}+4+4+\sqrt{8}}{2-1}$ **or** $\frac{4\sqrt{2}+4+\sqrt{16}+\sqrt{8}}{2-1}$ **or** $= 4\sqrt{2}+4+4+\sqrt{8}$ oe			M1 (dep) for expansion of numerator with at least 3 terms correct oe Using $-\sqrt{2}-1$ e.g. $\frac{-4\sqrt{2}-4-\sqrt{8}\sqrt{2}-\sqrt{8}}{-2+1}$ **or** $\frac{-4\sqrt{2}-4-4-\sqrt{8}}{-2+1}$ **or** $\frac{-4\sqrt{2}-4-\sqrt{16}-\sqrt{8}}{-2+1}$
			$8+6\sqrt{2}$	3	A1 (dep on M2) or for stating $a = 8$ and $b = 6$
					Total 3 marks