

Q	Marking Instructions	AO	Marks	Typical Solution
4	Multiplies by $\frac{\sqrt{3}+\sqrt{2}}{\sqrt{3}+\sqrt{2}}$	AO1.1a	M1	$\frac{\sqrt{6}}{\sqrt{3}-\sqrt{2}} \times \frac{\sqrt{3}+\sqrt{2}}{\sqrt{3}+\sqrt{2}}$ $= \frac{\sqrt{18}+\sqrt{12}}{3-2}$ $\frac{\sqrt{18}+\sqrt{12}}{1}$ $= \sqrt{9 \times 2} + \sqrt{4 \times 3}$ $= 3\sqrt{2} + 2\sqrt{3}$
	Correctly evaluates denominator to get 3 – 2 or 1	AO1.1b	A1	
	Evaluates numerator, one term correct $\sqrt{18}$ or $\sqrt{12}$ or $3\sqrt{2}$ or $2\sqrt{3}$	AO1.1b	A1	
	Completes solution CAO	AO2.1	R1	
	<b>Total</b>		<b>4</b>	