

<p>1</p>	$\frac{10\sqrt{3} + 27}{39}$	<p>M1</p>	<p>for method to rationalise one of the fractions.                      eg <math>\frac{3\sqrt{3}}{4-\sqrt{3}} \times \frac{4+\sqrt{3}}{4+\sqrt{3}} (= \frac{12\sqrt{3}+9}{16-3})</math>                      or  <math>\frac{2}{\sqrt{3}} \times \frac{\sqrt{3}}{\sqrt{3}} (= \frac{2\sqrt{3}}{3})</math> oe</p>	<p>for method to write fractions with a common denominator.                      eg  <math>\frac{3\sqrt{3} \times \sqrt{3}}{\sqrt{3}(4-\sqrt{3})} - \frac{2 \times (4-\sqrt{3})}{\sqrt{3}(4-\sqrt{3})}</math> oe</p>	
		<p>M1</p>	<p>for method to rationalise both of the fractions                      eg  <math>\frac{3\sqrt{3}}{4-\sqrt{3}} \times \frac{4+\sqrt{3}}{4+\sqrt{3}} (= \frac{12\sqrt{3}+9}{16-3})</math>                      and <math>\frac{2}{\sqrt{3}} \times \frac{\sqrt{3}}{\sqrt{3}} (= \frac{2\sqrt{3}}{3})</math> oe</p>	<p>for writing as a <b>correct</b> single fraction without brackets.                      eg  <math>\frac{9-8+2\sqrt{3}}{4\sqrt{3}-3}</math> oe</p>	
		<p>M1</p>	<p>for method to write <b>correct</b> fractions with a common denominator                      eg <math>\frac{3(12\sqrt{3}+9)}{13 \times 3} - \frac{13 \times 2\sqrt{3}}{13 \times 3}</math>                      or <math>\frac{36\sqrt{3}+27}{39} - \frac{26\sqrt{3}}{39}</math> oe</p>	<p>for method to rationalise a fraction of the form <math>\frac{a+b\sqrt{3}}{c\sqrt{3}-d}</math> where <math>a, b, c</math> and <math>d</math> are integers.                      eg <math>\frac{1+2\sqrt{3}}{4\sqrt{3}-3} \times \frac{4\sqrt{3}+3}{4\sqrt{3}+3}</math>                      or <math>\frac{4\sqrt{3}+3+24+6\sqrt{3}}{48+12\sqrt{3}-12\sqrt{3}-9}</math> oe</p>	
		<p>A1</p>	<p>for <math>\frac{10\sqrt{3} + 27}{39}</math> oe</p>		