

3. Find the values of 'a' and 'b' if:  $\frac{3+\sqrt{2}}{3-\sqrt{2}} = a+b\sqrt{2}$

4. Show that  $\frac{1}{3-\sqrt{8}} - \frac{1}{\sqrt{8}-\sqrt{7}} + \frac{1}{\sqrt{7}-\sqrt{6}} - \frac{1}{\sqrt{6}-\sqrt{5}} + \frac{1}{\sqrt{5}-2} = 5$

5. Represent  $\sqrt{8.5}$  on a number line

6. Simplify:  $\frac{\sqrt{6}}{\sqrt{2}+\sqrt{3}} + \frac{3\sqrt{2}}{\sqrt{6}+\sqrt{3}} - \frac{4\sqrt{3}}{\sqrt{6}+\sqrt{2}}$