**1F Rationalising Surds**

1. Rationalise
2. $\frac{1}{\sqrt{3}}$
3. $\frac{1}{3+\sqrt{2}}$
4. $\frac{\sqrt{5}+\sqrt{2}}{\sqrt{5}-\sqrt{2}}$
5. $\frac{1}{\left(1-\sqrt{3}\right)^{2}}$