



Past Paper Surds Type Questions Intermediate 2  
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Q.1 Simplify

$$\sqrt{75}$$

Q.2 Evaluate and Simplify

$$5\sqrt{3} + 7\sqrt{3}$$

Q.3 Evaluate and Simplify

$$23\sqrt{6} - 9\sqrt{6}$$

Q.4 Evaluate and Simplify

$$\sqrt{63} + \sqrt{63}$$

Q.5 Evaluate and Simplify

$$\sqrt{162} - \sqrt{18}$$

Q.6 Evaluate and Simplify

$$\sqrt{5} \times \sqrt{11}$$

Q.7 Rationalise the denominator

$$\frac{\sqrt{11}}{\sqrt{7}}$$

Q.8 Rationalise the numerator

$$\frac{\sqrt{5}}{\sqrt{11}}$$

Q.9 Simplify

$$5\sqrt{50}$$

Q.10 Evaluate and Simplify

$$8\sqrt{5} \times 3\sqrt{7}$$