

# Simplify Using Surds

Increasingly  
Difficult  
Exercises

- a)  $\sqrt{3} + \sqrt{3}$       b)  $2\sqrt{5} + 5\sqrt{5}$       c)  $5\sqrt{2} - 3\sqrt{2}$
- d)  $\sqrt{3} \times \sqrt{2}$       e)  $\sqrt{15} \div \sqrt{3}$       f)  $3\sqrt{2} \times 2\sqrt{5}$
- g)  $15\sqrt{6} \div 5\sqrt{3}$       h)  $\frac{30\sqrt{10}}{10\sqrt{2}}$       i)  $(3\sqrt{5})^2$
- j)  $2\sqrt{6} + 3\sqrt{2} \times 5\sqrt{3}$       k)  $8\sqrt{5} - 6\sqrt{10} \div 3\sqrt{2}$       l)  $\frac{2\sqrt{8} + 5\sqrt{2}}{\sqrt{50} - 3\sqrt{2}}$

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