

Surds (1)



Simplify

1) $\sqrt{12}$

2) $\sqrt{50}$

3) $\sqrt{72}$

4) $\sqrt{60}$

5) $\sqrt{28}$

6) $\sqrt{96}$

7) $\sqrt{108}$

8) $\sqrt{32}$



Simplify

1) $\sqrt{12} \times \sqrt{6}$

2) $\sqrt{50} \times \sqrt{8}$

3) $\sqrt{14} \times \sqrt{28}$

4) $\sqrt{30} \times \sqrt{10}$

5) $\sqrt{15} \times \sqrt{45}$

6) $\sqrt{18} \times \sqrt{15}$

7) $\sqrt{120} \times \sqrt{15}$

8) $\sqrt{32} \times \sqrt{8}$



Simplify

1) $\sqrt{2}(1 + \sqrt{2})$

2) $\sqrt{3}(2 - \sqrt{3})$

3) $\sqrt{3}(2\sqrt{3} + 1)$

4) $\sqrt{2}(3\sqrt{2} - 2)$

5) $2\sqrt{2}(1 + 2\sqrt{2})$

6) $3\sqrt{2}(2 - 2\sqrt{2})$

7) $2\sqrt{5}(3 + 4\sqrt{5})$

8) $6\sqrt{2}(\sqrt{2} - 6)$