

Surds

Calculate,

1) $5\sqrt{6} + 5\sqrt{6} + 3\sqrt{6}$

2) $11\sqrt{2} - 4\sqrt{2} - 3\sqrt{2}$

3) $10\sqrt{2} - 5\sqrt{2} - 3\sqrt{2}$

4) $2\sqrt{7} + 4\sqrt{7}$

5) $\sqrt{98} - \sqrt{32}$

6) $8\sqrt{2} - \sqrt{50}$

7) $\sqrt{150} + \sqrt{150} + \sqrt{96}$

8) $4\sqrt{7} + 5\sqrt{7} + 4\sqrt{7}$

9) $\sqrt{96} + 3\sqrt{6} + 3\sqrt{6}$

10) $\sqrt{405} - \sqrt{125} - \sqrt{20}$

Surds

1) $5\sqrt{6} + 5\sqrt{6} + 3\sqrt{6} = 13\sqrt{6}$

2) $11\sqrt{2} - 4\sqrt{2} - 3\sqrt{2} = 4\sqrt{2}$

3) $10\sqrt{2} - 5\sqrt{2} - 3\sqrt{2} = 2\sqrt{2}$

4) $2\sqrt{7} + 4\sqrt{7} = 6\sqrt{7}$

5) $\sqrt{98} - \sqrt{32} = 3\sqrt{2}$

6) $8\sqrt{2} - \sqrt{50} = 3\sqrt{2}$

7) $\sqrt{150} + \sqrt{150} + \sqrt{96} = 14\sqrt{6}$

8) $4\sqrt{7} + 5\sqrt{7} + 4\sqrt{7} = 13\sqrt{7}$

9) $\sqrt{96} + 3\sqrt{6} + 3\sqrt{6} = 10\sqrt{6}$

10) $\sqrt{405} - \sqrt{125} - \sqrt{20} = 2\sqrt{5}$