

Surds

Calculate,

1) $4\sqrt{25} \div 2\sqrt{5}$

11) $20\sqrt{10} \div 5\sqrt{2}$

2) $2\sqrt{3} \times 2\sqrt{6}$

12) $3\sqrt{6} \times 2\sqrt{6}$

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

13) $2\sqrt{7} \times 2\sqrt{3}$

4) $2\sqrt{2} \times 3\sqrt{6}$

14) $3\sqrt{6} \times 5\sqrt{6}$

5) $15\sqrt{14} \div 3\sqrt{7}$

15) $10\sqrt{21} \div 5\sqrt{7}$

6) $15\sqrt{21} \div 5\sqrt{3}$

16) $8\sqrt{18} \div 4\sqrt{3}$

7) $6\sqrt{30} \div 2\sqrt{5}$

17) $2\sqrt{6} \times 5\sqrt{7}$

8) $8\sqrt{15} \div 2\sqrt{5}$

18) $10\sqrt{42} \div 5\sqrt{6}$

9) $12\sqrt{35} \div 4\sqrt{5}$

19) $10\sqrt{6} \div 5\sqrt{2}$

10) $4\sqrt{2} \times 2\sqrt{3}$

20) $9\sqrt{25} \div 3\sqrt{5}$

Surds

1) $4\sqrt{25} \div 2\sqrt{5} = 2\sqrt{5}$

11) $20\sqrt{10} \div 5\sqrt{2} = 4\sqrt{5}$

2) $2\sqrt{3} \times 2\sqrt{6} = 12\sqrt{2}$

12) $3\sqrt{6} \times 2\sqrt{6} = 36$

3) $3\sqrt{3} \times 3\sqrt{3} = 27$

13) $2\sqrt{7} \times 2\sqrt{3} = 4\sqrt{21}$

4) $2\sqrt{2} \times 3\sqrt{6} = 12\sqrt{3}$

14) $3\sqrt{6} \times 5\sqrt{6} = 90$

5) $15\sqrt{14} \div 3\sqrt{7} = 5\sqrt{2}$

15) $10\sqrt{21} \div 5\sqrt{7} = 2\sqrt{3}$

6) $15\sqrt{21} \div 5\sqrt{3} = 3\sqrt{7}$

16) $8\sqrt{18} \div 4\sqrt{3} = 2\sqrt{6}$

7) $6\sqrt{30} \div 2\sqrt{5} = 3\sqrt{6}$

17) $2\sqrt{6} \times 5\sqrt{7} = 10\sqrt{42}$

8) $8\sqrt{15} \div 2\sqrt{5} = 4\sqrt{3}$

18) $10\sqrt{42} \div 5\sqrt{6} = 2\sqrt{7}$

9) $12\sqrt{35} \div 4\sqrt{5} = 3\sqrt{7}$

19) $10\sqrt{6} \div 5\sqrt{2} = 2\sqrt{3}$

10) $4\sqrt{2} \times 2\sqrt{3} = 8\sqrt{6}$

20) $9\sqrt{25} \div 3\sqrt{5} = 3\sqrt{5}$