

## Dividing surds

Calculate (simplify your answer as far as possible)

1)  $10\sqrt{30} \div 5\sqrt{6}$

11)  $15\sqrt{25} \div 5\sqrt{5}$

2)  $20\sqrt{21} \div 4\sqrt{3}$

12)  $15\sqrt{10} \div 5\sqrt{5}$

3)  $12\sqrt{49} \div 3\sqrt{7}$

13)  $16\sqrt{30} \div 4\sqrt{5}$

4)  $20\sqrt{30} \div 5\sqrt{5}$

14)  $12\sqrt{14} \div 3\sqrt{7}$

5)  $10\sqrt{30} \div 5\sqrt{6}$

15)  $8\sqrt{49} \div 4\sqrt{7}$

6)  $6\sqrt{15} \div 2\sqrt{3}$

16)  $10\sqrt{35} \div 2\sqrt{7}$

7)  $10\sqrt{10} \div 2\sqrt{5}$

17)  $8\sqrt{14} \div 4\sqrt{7}$

8)  $15\sqrt{14} \div 5\sqrt{7}$

18)  $15\sqrt{21} \div 3\sqrt{3}$

9)  $10\sqrt{9} \div 5\sqrt{3}$

19)  $12\sqrt{18} \div 3\sqrt{6}$

10)  $10\sqrt{30} \div 2\sqrt{5}$

20)  $8\sqrt{15} \div 4\sqrt{5}$

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