

Surds (2)

Simplify the following:

1. $\sqrt{8}$

2. $2\sqrt{8}$

3. $3\sqrt{8}$

4. $\sqrt{72}$

5. $5\sqrt{72}$

6. $5\sqrt{144}$

7. $5\sqrt{1440}$

8. $5\sqrt{720}$

9. $5\sqrt{360}$

10. $5\sqrt{36}$

11. $6\sqrt{36}$

12. $7\sqrt{49}$

13. $7\sqrt{98}$

14. $7\sqrt{147}$

15. $14\sqrt{147}$

16. $7\sqrt{294}$

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15. $14\sqrt{147}$

16. $7\sqrt{294}$

Surds (2) - ANSWERS

1. $2\sqrt{2}$

2. $4\sqrt{2}$

3. $6\sqrt{2}$

4. $6\sqrt{2}$

5. $30\sqrt{2}$

6. 60

7. $12\sqrt{10}$

8. $60\sqrt{5}$

9. $30\sqrt{10}$

10. 30

11. 36

12. 49

13. $49\sqrt{2}$

14. $49\sqrt{3}$

15. $98\sqrt{3}$

16. $49\sqrt{6}$

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