

Surds

Simplify the following:

1. $\sqrt{8}$

2. $\sqrt{12}$

3. $\sqrt{32}$

4. $\sqrt{64}$

5. $\sqrt{128}$

6. $\sqrt{192}$

7. $\sqrt{320}$

8. $\sqrt{80}$

9. $\sqrt{40}$

10. $\sqrt{90}$

11. $\sqrt{160}$

12. $\sqrt{1600}$

13. $\sqrt{200}$

14. $\sqrt{250}$

15. $\sqrt{175}$

16. $\sqrt{350}$

Surds

Simplify the following:

1. $\sqrt{8}$

2. $\sqrt{12}$

3. $\sqrt{32}$

4. $\sqrt{64}$

5. $\sqrt{128}$

6. $\sqrt{192}$

7. $\sqrt{320}$

8. $\sqrt{80}$

9. $\sqrt{40}$

10. $\sqrt{90}$

11. $\sqrt{160}$

12. $\sqrt{1600}$

13. $\sqrt{200}$

14. $\sqrt{250}$

15. $\sqrt{175}$

16. $\sqrt{350}$

Simplifying Surds: ANSWERS

1. $2\sqrt{2}$

2. $3\sqrt{2}$

3. $4\sqrt{2}$

4. 8

5. $8\sqrt{2}$

6. $8\sqrt{3}$

7. $8\sqrt{5}$

8. $4\sqrt{5}$

9. $2\sqrt{10}$

10. $3\sqrt{10}$

11. $4\sqrt{10}$

12. 40

13. $10\sqrt{2}$

14. $5\sqrt{10}$

15. $5\sqrt{7}$

16. $5\sqrt{14}$

Simplifying Surds: ANSWERS

1. $2\sqrt{2}$

2. $3\sqrt{2}$

3. $4\sqrt{2}$

4. 8

5. $8\sqrt{2}$

6. $8\sqrt{3}$

7. $8\sqrt{5}$

8. $4\sqrt{5}$

9. $2\sqrt{10}$

10. $3\sqrt{10}$

11. $4\sqrt{10}$

12. 40

13. $10\sqrt{2}$

14. $5\sqrt{10}$

15. $5\sqrt{7}$

16. $5\sqrt{14}$