

Simplifying Square Roots and higher roots Answers

Simplify the following square roots

1. 4

2. 15

3. 14

4. $6\sqrt{3}$

5. $7\sqrt{2}$

6. $5\sqrt{2}$

7. $2\sqrt{2}$

8. 24

9. $3\sqrt{5}$

10. $8\sqrt{3}$

Simplify the following cube roots

11. 2

12. 5

13. 3

14. $5\sqrt[3]{5}$

15. $4\sqrt[3]{2}$

16. 7

17. $4\sqrt[3]{6}$

18. $2\sqrt[3]{5}$

19. $2\sqrt[3]{9}$

20. $3\sqrt[3]{2}$

Solve for x

21. $x = 2$ or $x = -\frac{14}{3}$

22. $x = 34$ or $x = -14$

23. *No Solution*

24. $x = -\frac{28}{5}$ or $x = \frac{36}{5}$