

Chapter 4 Practice Test ANSWERS

1. $2\sqrt{10}$

2. $3a^2\sqrt{10a}$

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

4. $2a^2b^2\sqrt{3b}$

5. $ab^2\sqrt[3]{a}$

6. $10\sqrt{5}$

7. $a^2b^2c\sqrt[5]{a^2c}$

8. $2a\sqrt[3]{a}$

9. $a^5\sqrt{a^7}$

10. $2\sqrt[3]{3}$

11. $20\sqrt{5}$

12. $5\sqrt{3}$

13. $11a^2\sqrt{2a}$

14. $7\sqrt[3]{5}$

15. $5\sqrt{5a}$

16. $20b^2\sqrt{5a}$

17. $6a\sqrt[3]{b^2}$

18. $10n^3\sqrt[3]{n^2}$

19. $2ab\sqrt{2ab}$

20. $6a^2b$

21. $6 - 4\sqrt{6}$

22. $4\sqrt{2}$

23. $\frac{\sqrt{30}}{3}$

24. $\frac{3\sqrt{5} + \sqrt{35}}{5}$

25. $\frac{15 + 3\sqrt{5}}{20}$

26. $2 + \sqrt{5}$

27. $\frac{\sqrt{6n} + 2n\sqrt{3n}}{2n}$