

CHAPTER TEST

1. $\frac{1}{2}x^{3/4}$ [7.1B] 2. $-2x^2y\sqrt[3]{2x}$ [7.2B] 3. $3\sqrt[5]{y^2}$ [7.1B] 4. $18 + 16i$ [7.3C] 5. $4x + 4\sqrt{xy} + y$ [7.2C]
6. $r^{1/6}$ [7.1A] 7. 4 [7.4A] 8. $2xy^2$ [7.1C] 9. $-4x\sqrt{3}$ [7.2C] 10. $-3 + 2i$ [7.3B] 11. $4x^2y^3\sqrt{2y}$ [7.2A]
12. $14 + 10\sqrt{3}$ [7.2C] 13. $10 + 2i$ [7.3C] 14. 2 [7.2D] 15. $8a\sqrt{2a}$ [7.2B] 16. $2a - \sqrt{ab} - 15b$ [7.2C]
17. $\frac{64x^3}{y^6}$ [7.1A] 18. $\frac{x + \sqrt{xy}}{x - y}$ [7.2D] 19. $-\frac{4}{5} + \frac{7}{5}i$ [7.3D] 20. -3 [7.4A] 21. $\frac{b^3}{8a^6}$ [7.1A]
22. $3abc^2\sqrt[3]{ac}$ [7.2A] 23. $\frac{4x^2}{y}$ [7.2D] 24. -4 [7.3C] 25. The object has fallen 576 ft. [7.4B]