

Extra Practice 23, Sections 9.2 and 9.3

1. $3\sqrt{10}$ 2. 13 3. 25 4. $18\sqrt{2}$ 5. $4\sqrt{6xy}$ 6. $12\sqrt{x}$ 7. $7a\sqrt{2}$ 8. $6\sqrt{2ab}$
9. $10x$ 10. $a\sqrt{bd}$ 11. $9x^2\sqrt{x}$ 12. $6m^3\sqrt{2m}$ 13. $xy^3\sqrt{x}$ 14. $x^2y^2\sqrt{x}$ 15.
 $5ab^2\sqrt{10a}$ 16. $3y\sqrt{30}$ 17. $5x^3\sqrt{3}$ 18. $6x\sqrt{y}$ 19. $7y\sqrt{3y}$ 20. $25\sqrt{y}$ 21. 4
22. $\frac{1}{3}$ 23. 4 24. $4y$ 25. $5a^3$ 26. $\frac{1}{2x^2}$ 27. $\frac{x^5}{3}$ 28. $5a\sqrt{a}$ 29. $\sqrt{3}y^5$ 30.
 $\sqrt{10}x^7$ 31. $\frac{\sqrt{15}}{5}$ 32. $\frac{\sqrt{42}}{7}$ 33. $\frac{\sqrt{14}}{6}$ 34. $\frac{\sqrt{xy}}{x}$ 35. $\frac{3\sqrt{2}}{2}$ 36. $\frac{\sqrt{35}}{5}$ 37. $\frac{\sqrt{x}}{2}$
38. $\frac{3x}{5}\sqrt{10x}$ 39. $\frac{\sqrt{6x}}{x}$ 40. $\frac{\sqrt{15x}}{20x}$