

**CHAPTER
2****Extra Practice****Skills**

- **Lesson 2-1** Simplify. Use paper and pencil, a model, or a calculator.

1. 100^1 2. 5^3 3. $(-5)^4$ 4. -6^2 5. $(12 - 5)^3$

- **Lesson 2-2** Find the GCF of each pair of numbers.

6. 35, 49 7. 11, 12 8. 28, 40 9. 17, 34 10. 16, 26 11. 16, 86

- **Lesson 2-3** Write each fraction in simplest form.

12. $\frac{21}{24}$ 13. $\frac{65}{100}$ 14. $\frac{15}{75}$ 15. $\frac{40}{80}$ 16. $\frac{72}{108}$ 17. $\frac{110}{225}$

- **Lesson 2-4** Compare each pair of fractions. Use $<$, $=$, or $>$.

18. $\frac{1}{4} \blacksquare \frac{2}{9}$ 19. $\frac{3}{7} \blacksquare \frac{1}{2}$ 20. $\frac{2}{5} \blacksquare \frac{4}{10}$ 21. $\frac{5}{6} \blacksquare \frac{7}{8}$ 22. $\frac{3}{5} \blacksquare \frac{2}{3}$

- **Lessons 2-5 and 2-6** Write each mixed number as an improper fraction.

23. $7\frac{7}{8}$ 24. $3\frac{5}{7}$ 25. $3\frac{1}{4}$ 26. $4\frac{2}{5}$ 27. $10\frac{1}{6}$ 28. $2\frac{2}{5}$

Write each fraction as a decimal.

29. $\frac{4}{5}$ 30. $\frac{1}{9}$ 31. $\frac{7}{8}$ 32. $\frac{13}{4}$ 33. $\frac{28}{8}$ 34. $\frac{100}{6}$

- **Lesson 2-7** Order from least to greatest.

35. $\frac{9}{12}$, 0.35, $\frac{3}{6}$, -1.0 36. -1.8, $\frac{1}{4}$, $\frac{1}{3}$, 3.5 37. $\frac{10}{11}$, $0.\overline{6}$, $\frac{1}{2}$, 0.375

- **Lesson 2-8** Write in scientific notation.

38. 5,000 39. 160,000 40. 4,700,000 41. 7,900,000,000

Word Problems

- **Lesson 2-1**

42. Your class is collecting pennies to give to a charity. You donate 2¢ on the first day. Each day, you double the amount you donate. How many pennies will you donate on the tenth day?