

CHAPTER
3

Extra Practice

Skills

● **Lesson 3-1** Use benchmarks to estimate each sum or difference.

1. $\frac{2}{5} + \frac{7}{9}$

2. $\frac{3}{4} + \frac{5}{6}$

3. $\frac{3}{4} - \frac{1}{5}$

4. $\frac{8}{9} + \frac{7}{15}$

5. $9\frac{8}{10} + 8\frac{2}{10}$

6. $15\frac{2}{5} - 5\frac{4}{7}$

7. $71\frac{1}{5} - 5\frac{2}{3}$

8. $99\frac{9}{19} + \frac{1}{5}$

● **Lessons 3-2 and 3-3** Find each sum or difference.

9. $\frac{2}{3} + \frac{2}{3}$

10. $\frac{7}{10} - \frac{3}{10}$

11. $\frac{7}{12} - \frac{1}{4}$

12. $\frac{1}{6} + \frac{3}{4}$

13. $4\frac{3}{8} + 2\frac{5}{8}$

14. $5\frac{2}{5} - 1\frac{4}{5}$

15. $11 - 3\frac{1}{8}$

16. $7\frac{2}{5} + 3\frac{1}{4}$

● **Lessons 3-4 and 3-5** Find each product or quotient.

17. $\frac{3}{8} \cdot \frac{2}{5}$

18. $\frac{1}{4}$ of $\frac{4}{5}$

19. $\frac{5}{6}$ of 30

20. $2\frac{7}{8} \cdot \frac{4}{5}$

21. $\frac{3}{5} \div \frac{1}{5}$

22. $9 \div \frac{3}{4}$

23. $\frac{5}{6} \div \frac{3}{8}$

24. $3\frac{2}{3} \div 2\frac{1}{2}$

● **Lesson 3-6** Complete.

25. $\frac{3}{4}$ gal = ■ c

26. 4,500 lb = ■ t

27. $\frac{3}{8}$ mi = ■ yd

28. $12\frac{2}{3}$ lb = ■ oz

29. $6\frac{1}{2}$ t = ■ lb

30. 2 yd, 1 ft = ■ yd

● **Lesson 3-7** Choose the more precise measurement.

31. 25 g, 2.55 kg

32. 2 t, $5\frac{1}{4}$ lb

33. 28 pt, 15 qt

34. 7 L, 35.95 mL

35. 0.75 g, 1,000 mg

36. 120 min, 2 h

Word Problems

● **Lesson 3-1**

37. **Estimation** Use benchmarks to estimate the total weight of two bags of cheese that weigh $\frac{1}{8}$ lb and $\frac{2}{5}$ lb.

38. **Estimation** From the following daily mileages, estimate the median number of miles a runner jogged: $9\frac{3}{5}$, $5\frac{1}{4}$, $7\frac{5}{10}$, $1\frac{7}{8}$, $6\frac{3}{4}$, $3\frac{2}{8}$.