


Fractions Review

This review covers the material you have studied so far in this book.

1. A yard contains 36 inches. 21 inches is what fraction of a yard?
2. Which fractions in this list are less than $\frac{1}{2}$? $\frac{3}{6}$, $\frac{7}{15}$, $\frac{4}{9}$, $\frac{5}{8}$
3. Reduce $\frac{18}{32}$ to lowest terms.
4. Write $\frac{50}{12}$ as a mixed number.
5. Write $11\frac{5}{8}$ as an improper fraction.
6. Change $\frac{3}{4}$ to twelfths.
7. $9\frac{7}{8} + 6\frac{5}{8} + 3\frac{3}{8} =$
8. $4\frac{3}{5} + 8\frac{1}{2} + 7\frac{2}{3} =$
9.  Without finding the exact sum, tell whether $\frac{5}{8} + \frac{5}{9}$ is less than 1, greater than 1, or equal to 1.
10. Mr. Gutierrez usually takes $\frac{3}{4}$ hour to drive home from work. Because of a traffic jam, he took an extra $1\frac{2}{3}$ hours to get home one night. How long did that ride take him?
11. Find the combined weight of three packages that weigh $5\frac{1}{2}$ pounds, $4\frac{7}{16}$ pounds, and $3\frac{3}{8}$ pounds.
12. $10\frac{7}{8} - 5\frac{2}{5} =$
13. $15\frac{2}{11} - 9\frac{7}{11} =$
14. $13\frac{2}{9} - 4\frac{5}{6} =$
15. From a 2-pound box of chocolates, Rachel ate $1\frac{1}{4}$ pounds. What was the weight of the remaining chocolates?
16. The distance from Ellen's home to her school is $4\frac{1}{3}$ miles. If she has already traveled $2\frac{1}{2}$ miles, how far does she have to go?

17. $\frac{5}{9} \times \frac{4}{7} =$

18. $\frac{6}{7} \times \frac{14}{15} \times \frac{1}{2} =$

19. $2\frac{1}{7} \times 1\frac{5}{9} =$

20. In the problem $2\frac{4}{5} \times 6\frac{1}{4}$, round each number to the nearest whole number. Then multiply.

21. What is the total weight of four cartons if each carton weighs $16\frac{1}{4}$ pounds?

22. If 1 foot of wire costs 18¢, how much do $5\frac{1}{3}$ feet of wire cost?

23. $\frac{8}{15} \div \frac{7}{12} =$

24. $14 \div \frac{4}{9} =$

25. $\frac{6}{13} \div 12 =$

26. $3\frac{1}{8} \div 5\frac{5}{6} =$

27. $\frac{4}{5}$ of what number is 60?

28. A carpenter needs $3\frac{1}{2}$ yards of lumber to build a bookcase. How many bookcases can he build from 21 yards of lumber?

29. For a $7\frac{1}{2}$ hour day, Ed makes \$90. How much does he make in 1 hour?

Fractions Review Chart

If you missed more than one problem on any group below, review the practice pages for those problems. Then redo the problems you got wrong before going on to the Decimal Skills Inventory. If you had a passing score, redo any problem you missed and begin the Decimal Skills Inventory on page 60.

<u>PROBLEM NUMBERS</u>	<u>SKILL AREA</u>	<u>PRACTICE PAGES</u>
1, 2, 3, 4, 5, 6	understanding fractions	11–21
7, 8, 9, 10, 11	adding fractions	22–30
12, 13, 14, 15, 16	subtracting fractions	31–38
17, 18, 19, 20, 21, 22	multiplying fractions	39–46
23, 24, 25, 26, 27, 28, 29	dividing fractions	47–57