CHAPTER 2 PRACTICE TEST ON FRACTIONS

Add or subtract. Write answer in simplest form.

1. $\frac{3}{5} - \frac{1}{4}$	**2.** $2\frac{2}{3} + 5\frac{3}{10}$
3. $7\frac{2}{3} - 3\frac{3}{8}$	**4.** $\frac{4}{9} + \frac{5}{6}$

5. It rained $5\frac{1}{2}$ inches in November and $6\frac{3}{7}$ inches in December. What was the total rainfall for the months of November and December?

Find the product. Write answer in simplest form.

6. $\frac{3}{5} \cdot \frac{7}{12}$	**7.** $3\frac{1}{3} \cdot \frac{9}{11}$
8. $1\frac{4}{5} \cdot 2\frac{1}{3}$	**9.** $\frac{4}{11} \cdot \frac{3}{8}$

10. You read a book for $\frac{5}{6}$ of an hour. You spend $\frac{3}{8}$ of that time reading the first two chapters. What fraction of the hour do you spend reading the first two chapters?

Find the quotient. Write answer in simplest form.

11. $\dfrac{4}{9} \div \dfrac{1}{3}$	**12.** $3\dfrac{1}{2} \div \dfrac{3}{4}$
13. $7\dfrac{1}{5} \div 2\dfrac{1}{4}$	**14.** $\dfrac{7}{9} \div \dfrac{5}{6}$

15. You have a 75-foot roll of fabric. How many $6\dfrac{1}{4}$ feet pieces of fabric can you cut from the roll?

Evaluate the expression. Write answer in simplest form.

16. $5\dfrac{4}{5} \cdot 3\dfrac{2}{5}$	**17.** $\dfrac{3}{7} \div 3\dfrac{1}{7}$	**18.** $5\dfrac{3}{10} + 11\dfrac{1}{4}$
19. $1\dfrac{5}{6} \div 2\dfrac{5}{7}$	**20.** $\dfrac{3}{8} \cdot 9\dfrac{2}{3}$	
21. $10\dfrac{2}{3} \div \dfrac{4}{9} + 5$	**22.** $3 + 2\dfrac{4}{5} \div 1\dfrac{2}{5}$	
23. $4\dfrac{1}{2} \div 7\dfrac{1}{3} \cdot 1\dfrac{3}{5}$	**24.** $5\dfrac{1}{6} \div (2\dfrac{2}{3} \times 1\dfrac{3}{8})$	