

Practice 5-4 Multiplying and Dividing Fractions**Find each quotient.**

1. $\frac{1}{2} \div \frac{5}{8}$ _____

2. $-\frac{5}{24} \div \frac{7}{12}$ _____

3. $\frac{3}{8} \div \frac{6}{7}$ _____

4. $\frac{15}{19} \div \frac{15}{19}$ _____

5. $8 \div \frac{4}{5}$ _____

6. $6\frac{1}{4} \div 2\frac{1}{2}$ _____

7. $5\frac{5}{8} \div 1\frac{1}{4}$ _____

8. $2\frac{1}{3} \div \frac{7}{10}$ _____

9. $\frac{6}{35t} \div \frac{3}{7t}$ _____

10. $1\frac{3}{7} \div (-2\frac{1}{7})$ _____

Find each product.

11. $\frac{2}{5} \cdot \frac{3}{7}$ _____

12. $\frac{5}{9} \cdot \frac{3}{5}$ _____

13. $\frac{7}{9} \cdot \frac{6}{13}$ _____

14. $\frac{5}{6} \cdot (-1\frac{3}{10})$ _____

15. $-4\frac{2}{3}(-5\frac{1}{6})$ _____

16. $2\frac{5}{6}(-\frac{2}{5})$ _____

17. $4\frac{7}{8} \cdot 6$ _____

18. $\frac{5x}{7} \cdot \frac{3}{10}$ _____

19. $\frac{9a}{10} \cdot \frac{5}{12a}$ _____

20. $\frac{9t}{16} \cdot \frac{12}{17}$ _____

21. You are making cookies for a bake sale. The recipe calls for $2\frac{3}{4}$ cups of flour. How much flour will you need if you triple the recipe?

22. It took you 1 hour to read $1\frac{3}{8}$ chapters of a novel. At this rate, how many chapters can you read in three hours.

23. A teacher wants to tape sheets of paper together to make a science banner. He wants the banner to be $127\frac{1}{2}$ inches long, and each sheet of paper is $8\frac{1}{2}$ inches wide. How many sheets of paper will he need?
