

# Dividing Fractions (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each quotient.

1.  $1\frac{1}{8} \div \frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2.  $\frac{3}{4} \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $1\frac{3}{5} \div \frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

4.  $\frac{1}{3} \div 2\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $\frac{1}{4} \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $\frac{2}{3} \div 1\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7.  $\frac{6}{7} \div 2\frac{3}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $\frac{1}{2} \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $\frac{5}{6} \div 1\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $\frac{2}{3} \div 2\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Dividing Fractions (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each quotient.

$$1. \quad 1\frac{1}{8} \div \frac{3}{4} = \frac{9}{8} \div \frac{3}{4} = \frac{9}{8} \times \frac{4}{3} = \frac{36}{24} = \frac{3}{2} = 1\frac{1}{2}$$

$$2. \quad \frac{3}{4} \div 1\frac{1}{2} = \frac{3}{4} \div \frac{3}{2} = \frac{3}{4} \times \frac{2}{3} = \frac{6}{12} = \frac{1}{2}$$

$$3. \quad 1\frac{3}{5} \div \frac{8}{9} = \frac{8}{5} \div \frac{8}{9} = \frac{8}{5} \times \frac{9}{8} = \frac{72}{40} = \frac{9}{5} = 1\frac{4}{5}$$

$$4. \quad \frac{1}{3} \div 2\frac{1}{3} = \frac{1}{3} \div \frac{7}{3} = \frac{1}{3} \times \frac{3}{7} = \frac{3}{21} = \frac{1}{7}$$

$$5. \quad \frac{1}{4} \div 1\frac{1}{2} = \frac{1}{4} \div \frac{3}{2} = \frac{1}{4} \times \frac{2}{3} = \frac{2}{12} = \frac{1}{6}$$

$$6. \quad \frac{2}{3} \div 1\frac{1}{3} = \frac{2}{3} \div \frac{4}{3} = \frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$$

$$7. \quad \frac{6}{7} \div 2\frac{3}{7} = \frac{6}{7} \div \frac{17}{7} = \frac{6}{7} \times \frac{7}{17} = \frac{42}{119} = \frac{6}{17}$$

$$8. \quad \frac{1}{2} \div 1\frac{1}{2} = \frac{1}{2} \div \frac{3}{2} = \frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$$

$$9. \quad \frac{5}{6} \div 1\frac{2}{3} = \frac{5}{6} \div \frac{5}{3} = \frac{5}{6} \times \frac{3}{5} = \frac{15}{30} = \frac{1}{2}$$

$$10. \quad \frac{2}{3} \div 2\frac{2}{5} = \frac{2}{3} \div \frac{12}{5} = \frac{2}{3} \times \frac{5}{12} = \frac{10}{36} = \frac{5}{18}$$