

# Dividing Fractions (F)

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

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

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

Calculate each quotient.

1.  $5\frac{1}{4} \div 2\frac{1}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2.  $1\frac{3}{7} \div 5\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $2\frac{5}{7} \div 5\frac{7}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

4.  $5\frac{2}{9} \div 5\frac{7}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $2\frac{7}{8} \div 5\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $1\frac{1}{3} \div 2\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

7.  $1\frac{2}{3} \div 4\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

8.  $4\frac{1}{2} \div 4\frac{4}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $1\frac{5}{6} \div 4\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

## Dividing Fractions (F) Answers

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

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

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

Calculate each quotient.

$$1. \quad 5\frac{1}{4} \div 2\frac{1}{6} = \frac{21}{4} \div \frac{13}{6} = \frac{21}{4} \times \frac{6}{13} = \frac{126}{52} = \frac{63}{26} = 2\frac{11}{26}$$

$$2. \quad 1\frac{3}{7} \div 5\frac{1}{3} = \frac{10}{7} \div \frac{16}{3} = \frac{10}{7} \times \frac{3}{16} = \frac{30}{112} = \frac{15}{56}$$

$$3. \quad 2\frac{5}{7} \div 5\frac{7}{8} = \frac{19}{7} \div \frac{47}{8} = \frac{19}{7} \times \frac{8}{47} = \frac{152}{329}$$

$$4. \quad 5\frac{2}{9} \div 5\frac{7}{8} = \frac{47}{9} \div \frac{47}{8} = \frac{47}{9} \times \frac{8}{47} = \frac{376}{423} = \frac{8}{9}$$

$$5. \quad 2\frac{7}{8} \div 5\frac{3}{4} = \frac{23}{8} \div \frac{23}{4} = \frac{23}{8} \times \frac{4}{23} = \frac{92}{184} = \frac{1}{2}$$

$$6. \quad 1\frac{1}{3} \div 2\frac{3}{4} = \frac{4}{3} \div \frac{11}{4} = \frac{4}{3} \times \frac{4}{11} = \frac{16}{33}$$

$$7. \quad 1\frac{2}{3} \div 4\frac{1}{2} = \frac{5}{3} \div \frac{9}{2} = \frac{5}{3} \times \frac{2}{9} = \frac{10}{27}$$

$$8. \quad 4\frac{1}{2} \div 4\frac{4}{9} = \frac{9}{2} \div \frac{40}{9} = \frac{9}{2} \times \frac{9}{40} = \frac{81}{80} = 1\frac{1}{80}$$

$$9. \quad 1\frac{5}{6} \div 4\frac{3}{4} = \frac{11}{6} \div \frac{19}{4} = \frac{11}{6} \times \frac{4}{19} = \frac{44}{114} = \frac{22}{57}$$

$$10. \quad 3\frac{2}{3} \div 2\frac{2}{3} = \frac{11}{3} \div \frac{8}{3} = \frac{11}{3} \times \frac{3}{8} = \frac{33}{24} = \frac{11}{8} = 1\frac{3}{8}$$