

## Dividing Fractions (F)

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

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

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

Calculate each quotient.

1.  $1\frac{5}{6} \div 5\frac{2}{3} =$

2.  $2\frac{4}{5} \div 3\frac{1}{2} =$

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

4.  $4\frac{1}{6} \div 3\frac{5}{8} =$

5.  $2\frac{1}{2} \div 5\frac{1}{2} =$

6.  $3\frac{5}{6} \div 5\frac{5}{9} =$

7.  $4\frac{1}{2} \div 4\frac{1}{5} =$

8.  $3\frac{7}{8} \div 3\frac{1}{6} =$

9.  $1\frac{5}{6} \div 2\frac{1}{8} =$

10.  $2\frac{1}{2} \div 4\frac{3}{8} =$

## Dividing Fractions (F) Answers

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

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

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

Calculate each quotient.

$$1. \quad 1\frac{5}{6} \div 5\frac{2}{3} = \frac{11}{6} \div \frac{17}{3} = \frac{11}{6} \times \frac{3}{17} = \frac{33}{102} = \frac{11}{34}$$

$$2. \quad 2\frac{4}{5} \div 3\frac{1}{2} = \frac{14}{5} \div \frac{7}{2} = \frac{14}{5} \times \frac{2}{7} = \frac{28}{35} = \frac{4}{5}$$

$$3. \quad 3\frac{1}{2} \div 3\frac{1}{8} = \frac{7}{2} \div \frac{25}{8} = \frac{7}{2} \times \frac{8}{25} = \frac{56}{50} = \frac{28}{25} = 1\frac{3}{25}$$

$$4. \quad 4\frac{1}{6} \div 3\frac{5}{8} = \frac{25}{6} \div \frac{29}{8} = \frac{25}{6} \times \frac{8}{29} = \frac{200}{174} = \frac{100}{87} = 1\frac{13}{87}$$

$$5. \quad 2\frac{1}{2} \div 5\frac{1}{2} = \frac{5}{2} \div \frac{11}{2} = \frac{5}{2} \times \frac{2}{11} = \frac{10}{22} = \frac{5}{11}$$

$$6. \quad 3\frac{5}{6} \div 5\frac{5}{9} = \frac{23}{6} \div \frac{50}{9} = \frac{23}{6} \times \frac{9}{50} = \frac{207}{300} = \frac{69}{100}$$

$$7. \quad 4\frac{1}{2} \div 4\frac{1}{5} = \frac{9}{2} \div \frac{21}{5} = \frac{9}{2} \times \frac{5}{21} = \frac{45}{42} = \frac{15}{14} = 1\frac{1}{14}$$

$$8. \quad 3\frac{7}{8} \div 3\frac{1}{6} = \frac{31}{8} \div \frac{19}{6} = \frac{31}{8} \times \frac{6}{19} = \frac{186}{152} = \frac{93}{76} = 1\frac{17}{76}$$

$$9. \quad 1\frac{5}{6} \div 2\frac{1}{8} = \frac{11}{6} \div \frac{17}{8} = \frac{11}{6} \times \frac{8}{17} = \frac{88}{102} = \frac{44}{51}$$

$$10. \quad 2\frac{1}{2} \div 4\frac{3}{8} = \frac{5}{2} \div \frac{35}{8} = \frac{5}{2} \times \frac{8}{35} = \frac{40}{70} = \frac{4}{7}$$