

## Dividing Fractions (E)

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

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

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

Calculate each quotient.

1.  $1\frac{7}{9} \div 5\frac{1}{6} =$

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

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

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

5.  $3\frac{5}{7} \div 3\frac{1}{3} =$

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

7.  $5\frac{3}{4} \div 2\frac{1}{2} =$

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

9.  $2\frac{1}{2} \div 3\frac{3}{4} =$

10.  $2\frac{2}{5} \div 4\frac{2}{3} =$

## Dividing Fractions (E) Answers

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

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

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

Calculate each quotient.

$$1. \quad 1\frac{7}{9} \div 5\frac{1}{6} = \frac{16}{9} \div \frac{31}{6} = \frac{16}{9} \times \frac{6}{31} = \frac{96}{279} = \frac{32}{93}$$

$$2. \quad 2\frac{1}{2} \div 3\frac{1}{3} = \frac{5}{2} \div \frac{10}{3} = \frac{5}{2} \times \frac{3}{10} = \frac{15}{20} = \frac{3}{4}$$

$$3. \quad 3\frac{3}{4} \div 5\frac{1}{2} = \frac{15}{4} \div \frac{11}{2} = \frac{15}{4} \times \frac{2}{11} = \frac{30}{44} = \frac{15}{22}$$

$$4. \quad 5\frac{2}{3} \div 1\frac{1}{6} = \frac{17}{3} \div \frac{7}{6} = \frac{17}{3} \times \frac{6}{7} = \frac{102}{21} = \frac{34}{7} = 4\frac{6}{7}$$

$$5. \quad 3\frac{5}{7} \div 3\frac{1}{3} = \frac{26}{7} \div \frac{10}{3} = \frac{26}{7} \times \frac{3}{10} = \frac{78}{70} = \frac{39}{35} = 1\frac{4}{35}$$

$$6. \quad 5\frac{1}{6} \div 3\frac{1}{2} = \frac{31}{6} \div \frac{7}{2} = \frac{31}{6} \times \frac{2}{7} = \frac{62}{42} = \frac{31}{21} = 1\frac{10}{21}$$

$$7. \quad 5\frac{3}{4} \div 2\frac{1}{2} = \frac{23}{4} \div \frac{5}{2} = \frac{23}{4} \times \frac{2}{5} = \frac{46}{20} = \frac{23}{10} = 2\frac{3}{10}$$

$$8. \quad 4\frac{1}{4} \div 1\frac{1}{2} = \frac{17}{4} \div \frac{3}{2} = \frac{17}{4} \times \frac{2}{3} = \frac{34}{12} = \frac{17}{6} = 2\frac{5}{6}$$

$$9. \quad 2\frac{1}{2} \div 3\frac{3}{4} = \frac{5}{2} \div \frac{15}{4} = \frac{5}{2} \times \frac{4}{15} = \frac{20}{30} = \frac{2}{3}$$

$$10. \quad 2\frac{2}{5} \div 4\frac{2}{3} = \frac{12}{5} \div \frac{14}{3} = \frac{12}{5} \times \frac{3}{14} = \frac{36}{70} = \frac{18}{35}$$