

## Dividing Fractions (E)

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

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

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

Calculate each quotient.

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

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

3.  $\frac{1}{9} \div 3\frac{5}{9} =$

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

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

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

7.  $\frac{1}{3} \div 2\frac{8}{9} =$

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

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

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

## Dividing Fractions (E) Answers

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

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

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

Calculate each quotient.

$$1. \frac{1}{2} \div 3\frac{1}{2} = \frac{1}{2} \div \frac{7}{2} = \frac{1}{2} \times \frac{2}{7} = \frac{2}{14} = \frac{1}{7}$$

$$2. \frac{1}{2} \div 2\frac{3}{4} = \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$3. \frac{1}{9} \div 3\frac{5}{9} = \frac{1}{9} \div \frac{32}{9} = \frac{1}{9} \times \frac{9}{32} = \frac{9}{288} = \frac{1}{32}$$

$$4. \frac{5}{6} \div 1\frac{2}{3} = \frac{5}{6} \div \frac{5}{3} = \frac{5}{6} \times \frac{3}{5} = \frac{15}{30} = \frac{1}{2}$$

$$5. \frac{5}{6} \div 3\frac{3}{4} = \frac{5}{6} \div \frac{15}{4} = \frac{5}{6} \times \frac{4}{15} = \frac{20}{90} = \frac{2}{9}$$

$$6. \frac{5}{6} \div 3\frac{1}{3} = \frac{5}{6} \div \frac{10}{3} = \frac{5}{6} \times \frac{3}{10} = \frac{15}{60} = \frac{1}{4}$$

$$7. \frac{1}{3} \div 2\frac{8}{9} = \frac{1}{3} \div \frac{26}{9} = \frac{1}{3} \times \frac{9}{26} = \frac{9}{78} = \frac{3}{26}$$

$$8. \frac{5}{8} \div 1\frac{5}{6} = \frac{5}{8} \div \frac{11}{6} = \frac{5}{8} \times \frac{6}{11} = \frac{30}{88} = \frac{15}{44}$$

$$9. \frac{3}{4} \div 2\frac{5}{6} = \frac{3}{4} \div \frac{17}{6} = \frac{3}{4} \times \frac{6}{17} = \frac{18}{68} = \frac{9}{34}$$

$$10. \frac{4}{7} \div 2\frac{2}{3} = \frac{4}{7} \div \frac{8}{3} = \frac{4}{7} \times \frac{3}{8} = \frac{12}{56} = \frac{3}{14}$$