

## Dividing Fractions (F)

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

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

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

Calculate each quotient.

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

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

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

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

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

6.  $\frac{1}{7} \div 3\frac{5}{9} =$

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

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

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

10.  $\frac{1}{2} \div 1\frac{1}{9} =$

## Dividing Fractions (F) Answers

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

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

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

Calculate each quotient.

$$1. \quad 1\frac{1}{3} \div \frac{3}{4} = \frac{4}{3} \div \frac{3}{4} = \frac{4}{3} \times \frac{4}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$2. \quad \frac{1}{4} \div 3\frac{1}{3} = \frac{1}{4} \div \frac{10}{3} = \frac{1}{4} \times \frac{3}{10} = \frac{3}{40}$$

$$3. \quad \frac{1}{2} \div 3\frac{1}{5} = \frac{1}{2} \div \frac{16}{5} = \frac{1}{2} \times \frac{5}{16} = \frac{5}{32}$$

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

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

$$6. \quad \frac{1}{7} \div 3\frac{5}{9} = \frac{1}{7} \div \frac{32}{9} = \frac{1}{7} \times \frac{9}{32} = \frac{9}{224}$$

$$7. \quad \frac{5}{8} \div 1\frac{1}{3} = \frac{5}{8} \div \frac{4}{3} = \frac{5}{8} \times \frac{3}{4} = \frac{15}{32}$$

$$8. \quad \frac{3}{4} \div 3\frac{1}{3} = \frac{3}{4} \div \frac{10}{3} = \frac{3}{4} \times \frac{3}{10} = \frac{9}{40}$$

$$9. \quad \frac{4}{7} \div 1\frac{1}{2} = \frac{4}{7} \div \frac{3}{2} = \frac{4}{7} \times \frac{2}{3} = \frac{8}{21}$$

$$10. \quad \frac{1}{2} \div 1\frac{1}{9} = \frac{1}{2} \div \frac{10}{9} = \frac{1}{2} \times \frac{9}{10} = \frac{9}{20}$$