

## Dividing Fractions (F)

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

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

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

Calculate each quotient.

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

2.  $3\frac{3}{5} \div 8 =$

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

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

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

6.  $7 \div 2\frac{1}{3} =$

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

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

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

10.  $2 \div 3\frac{5}{9} =$

## Dividing Fractions (F) Answers

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

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

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

Calculate each quotient.

$$1. \quad 3\frac{1}{3} \div 6 = \frac{10}{3} \div \frac{6}{1} = \frac{10}{3} \times \frac{1}{6} = \frac{10}{18} = \frac{5}{9}$$

$$2. \quad 3\frac{3}{5} \div 8 = \frac{18}{5} \div \frac{8}{1} = \frac{18}{5} \times \frac{1}{8} = \frac{18}{40} = \frac{9}{20}$$

$$3. \quad 7 \div 1\frac{5}{9} = \frac{7}{1} \div \frac{14}{9} = \frac{7}{1} \times \frac{9}{14} = \frac{63}{14} = \frac{9}{2} = 4\frac{1}{2}$$

$$4. \quad 3\frac{3}{5} \div 9 = \frac{18}{5} \div \frac{9}{1} = \frac{18}{5} \times \frac{1}{9} = \frac{18}{45} = \frac{2}{5}$$

$$5. \quad 4 \div 1\frac{1}{3} = \frac{4}{1} \div \frac{4}{3} = \frac{4}{1} \times \frac{3}{4} = \frac{12}{4} = 3$$

$$6. \quad 7 \div 2\frac{1}{3} = \frac{7}{1} \div \frac{7}{3} = \frac{7}{1} \times \frac{3}{7} = \frac{21}{7} = 3$$

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

$$8. \quad 7 \div 3\frac{1}{2} = \frac{7}{1} \div \frac{7}{2} = \frac{7}{1} \times \frac{2}{7} = \frac{14}{7} = 2$$

$$9. \quad 1\frac{1}{2} \div 6 = \frac{3}{2} \div \frac{6}{1} = \frac{3}{2} \times \frac{1}{6} = \frac{3}{12} = \frac{1}{4}$$

$$10. \quad 2 \div 3\frac{5}{9} = \frac{2}{1} \div \frac{32}{9} = \frac{2}{1} \times \frac{9}{32} = \frac{18}{32} = \frac{9}{16}$$