

## Dividing Fractions (F)

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

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

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

Calculate each quotient.

1.  $\frac{16}{7} \div 6 =$

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

3.  $\frac{13}{5} \div 4 =$

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

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

6.  $4 \div \frac{17}{9} =$

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

8.  $\frac{14}{5} \div 3 =$

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

10.  $3 \div \frac{17}{8} =$

## Dividing Fractions (F) Answers

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

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

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

Calculate each quotient.

$$1. \frac{16}{7} \div 6 = \frac{16}{7} \div \frac{6}{1} = \frac{16}{7} \times \frac{1}{6} = \frac{16}{42} = \frac{8}{21}$$

$$2. 5 \div \frac{3}{2} = \frac{5}{1} \div \frac{3}{2} = \frac{5}{1} \times \frac{2}{3} = \frac{10}{3} = 3\frac{1}{3}$$

$$3. \frac{13}{5} \div 4 = \frac{13}{5} \div \frac{4}{1} = \frac{13}{5} \times \frac{1}{4} = \frac{13}{20}$$

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

$$5. \frac{5}{4} \div 7 = \frac{5}{4} \div \frac{7}{1} = \frac{5}{4} \times \frac{1}{7} = \frac{5}{28}$$

$$6. 4 \div \frac{17}{9} = \frac{4}{1} \div \frac{17}{9} = \frac{4}{1} \times \frac{9}{17} = \frac{36}{17} = 2\frac{2}{17}$$

$$7. \frac{5}{3} \div 4 = \frac{5}{3} \div \frac{4}{1} = \frac{5}{3} \times \frac{1}{4} = \frac{5}{12}$$

$$8. \frac{14}{5} \div 3 = \frac{14}{5} \div \frac{3}{1} = \frac{14}{5} \times \frac{1}{3} = \frac{14}{15}$$

$$9. 8 \div \frac{5}{2} = \frac{8}{1} \div \frac{5}{2} = \frac{8}{1} \times \frac{2}{5} = \frac{16}{5} = 3\frac{1}{5}$$

$$10. 3 \div \frac{17}{8} = \frac{3}{1} \div \frac{17}{8} = \frac{3}{1} \times \frac{8}{17} = \frac{24}{17} = 1\frac{7}{17}$$