

## Dividing Fractions (E)

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

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

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

Calculate each quotient.

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

2.  $4 \div \frac{16}{7} =$

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

4.  $\frac{16}{9} \div 6 =$

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

6.  $3 \div \frac{12}{5} =$

7.  $4 \div \frac{6}{5} =$

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

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

10.  $\frac{12}{7} \div 2 =$

## Dividing Fractions (E) Answers

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

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

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

Calculate each quotient.

$$1. \quad 8 \div \frac{8}{3} = \frac{8}{1} \div \frac{8}{3} = \frac{8}{1} \times \frac{3}{8} = \frac{24}{8} = 3$$

$$2. \quad 4 \div \frac{16}{7} = \frac{4}{1} \div \frac{16}{7} = \frac{4}{1} \times \frac{7}{16} = \frac{28}{16} = \frac{7}{4} = 1\frac{3}{4}$$

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

$$4. \quad \frac{16}{9} \div 6 = \frac{16}{9} \div \frac{6}{1} = \frac{16}{9} \times \frac{1}{6} = \frac{16}{54} = \frac{8}{27}$$

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

$$6. \quad 3 \div \frac{12}{5} = \frac{3}{1} \div \frac{12}{5} = \frac{3}{1} \times \frac{5}{12} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

$$7. \quad 4 \div \frac{6}{5} = \frac{4}{1} \div \frac{6}{5} = \frac{4}{1} \times \frac{5}{6} = \frac{20}{6} = \frac{10}{3} = 3\frac{1}{3}$$

$$8. \quad 3 \div \frac{3}{2} = \frac{3}{1} \div \frac{3}{2} = \frac{3}{1} \times \frac{2}{3} = \frac{6}{3} = 2$$

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

$$10. \quad \frac{12}{7} \div 2 = \frac{12}{7} \div \frac{2}{1} = \frac{12}{7} \times \frac{1}{2} = \frac{12}{14} = \frac{6}{7}$$