

## Dividing Fractions (D)

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

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

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

Calculate each quotient.

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

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

3.  $\frac{20}{7} \div 8 =$

4.  $\frac{18}{7} \div 2 =$

5.  $6 \div \frac{16}{9} =$

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

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

8.  $\frac{21}{8} \div 3 =$

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

10.  $4 \div \frac{20}{7} =$

## Dividing Fractions (D) Answers

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

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

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

Calculate each quotient.

$$1. \quad \frac{4}{3} \div 8 = \frac{4}{3} \div \frac{8}{1} = \frac{4}{3} \times \frac{1}{8} = \frac{4}{24} = \frac{1}{6}$$

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

$$3. \quad \frac{20}{7} \div 8 = \frac{20}{7} \div \frac{8}{1} = \frac{20}{7} \times \frac{1}{8} = \frac{20}{56} = \frac{5}{14}$$

$$4. \quad \frac{18}{7} \div 2 = \frac{18}{7} \div \frac{2}{1} = \frac{18}{7} \times \frac{1}{2} = \frac{18}{14} = \frac{9}{7} = 1\frac{2}{7}$$

$$5. \quad 6 \div \frac{16}{9} = \frac{6}{1} \div \frac{16}{9} = \frac{6}{1} \times \frac{9}{16} = \frac{54}{16} = \frac{27}{8} = 3\frac{3}{8}$$

$$6. \quad \frac{8}{3} \div 8 = \frac{8}{3} \div \frac{8}{1} = \frac{8}{3} \times \frac{1}{8} = \frac{8}{24} = \frac{1}{3}$$

$$7. \quad \frac{9}{4} \div 9 = \frac{9}{4} \div \frac{9}{1} = \frac{9}{4} \times \frac{1}{9} = \frac{9}{36} = \frac{1}{4}$$

$$8. \quad \frac{21}{8} \div 3 = \frac{21}{8} \div \frac{3}{1} = \frac{21}{8} \times \frac{1}{3} = \frac{21}{24} = \frac{7}{8}$$

$$9. \quad \frac{3}{2} \div 9 = \frac{3}{2} \div \frac{9}{1} = \frac{3}{2} \times \frac{1}{9} = \frac{3}{18} = \frac{1}{6}$$

$$10. \quad 4 \div \frac{20}{7} = \frac{4}{1} \div \frac{20}{7} = \frac{4}{1} \times \frac{7}{20} = \frac{28}{20} = \frac{7}{5} = 1\frac{2}{5}$$