

# Dividing Fractions (F)

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

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

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

Calculate each quotient.

1.  $\frac{3}{2} \div 9 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{5}{3} \div 5 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $5 \div \frac{25}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

4.  $\frac{20}{7} \div 8 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $8 \div \frac{12}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6.  $\frac{5}{2} \div 5 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7.  $6 \div \frac{12}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8.  $\frac{8}{3} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $\frac{15}{7} \div 9 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $8 \div \frac{22}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

## Dividing Fractions (F) Answers

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

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

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

Calculate each quotient.

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

$$2. \quad \frac{5}{3} \div 5 = \frac{5}{3} \div \frac{5}{1} = \frac{5}{3} \times \frac{1}{5} = \frac{5}{15} = \frac{1}{3}$$

$$3. \quad 5 \div \frac{25}{9} = \frac{5}{1} \div \frac{25}{9} = \frac{5}{1} \times \frac{9}{25} = \frac{45}{25} = \frac{9}{5} = 1\frac{4}{5}$$

$$4. \quad \frac{20}{7} \div 8 = \frac{20}{7} \div \frac{8}{1} = \frac{20}{7} \times \frac{1}{8} = \frac{20}{56} = \frac{5}{14}$$

$$5. \quad 8 \div \frac{12}{7} = \frac{8}{1} \div \frac{12}{7} = \frac{8}{1} \times \frac{7}{12} = \frac{56}{12} = \frac{14}{3} = 4\frac{2}{3}$$

$$6. \quad \frac{5}{2} \div 5 = \frac{5}{2} \div \frac{5}{1} = \frac{5}{2} \times \frac{1}{5} = \frac{5}{10} = \frac{1}{2}$$

$$7. \quad 6 \div \frac{12}{5} = \frac{6}{1} \div \frac{12}{5} = \frac{6}{1} \times \frac{5}{12} = \frac{30}{12} = \frac{5}{2} = 2\frac{1}{2}$$

$$8. \quad \frac{8}{3} \div 6 = \frac{8}{3} \div \frac{6}{1} = \frac{8}{3} \times \frac{1}{6} = \frac{8}{18} = \frac{4}{9}$$

$$9. \quad \frac{15}{7} \div 9 = \frac{15}{7} \div \frac{9}{1} = \frac{15}{7} \times \frac{1}{9} = \frac{15}{63} = \frac{5}{21}$$

$$10. \quad 8 \div \frac{22}{9} = \frac{8}{1} \div \frac{22}{9} = \frac{8}{1} \times \frac{9}{22} = \frac{72}{22} = \frac{36}{11} = 3\frac{3}{11}$$