

# Dividing Fractions (B)

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

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

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

Calculate each quotient.

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

2.  $6 \div \frac{9}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

3.  $4 \div \frac{8}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

6.  $5 \div \frac{15}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

7.  $4 \div \frac{10}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8.  $6 \div \frac{14}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

9.  $\frac{9}{4} \div 3 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $3 \div \frac{3}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Dividing Fractions (B) Answers

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

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

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

Calculate each quotient.

$$1. \quad \frac{9}{8} \div 9 = \frac{9}{8} \div \frac{9}{1} = \frac{9}{8} \times \frac{1}{9} = \frac{9}{72} = \frac{1}{8}$$

$$2. \quad 6 \div \frac{9}{4} = \frac{6}{1} \div \frac{9}{4} = \frac{6}{1} \times \frac{4}{9} = \frac{24}{9} = \frac{8}{3} = 2\frac{2}{3}$$

$$3. \quad 4 \div \frac{8}{5} = \frac{4}{1} \div \frac{8}{5} = \frac{4}{1} \times \frac{5}{8} = \frac{20}{8} = \frac{5}{2} = 2\frac{1}{2}$$

$$4. \quad \frac{7}{6} \div 7 = \frac{7}{6} \div \frac{7}{1} = \frac{7}{6} \times \frac{1}{7} = \frac{7}{42} = \frac{1}{6}$$

$$5. \quad \frac{8}{3} \div 6 = \frac{8}{3} \div \frac{6}{1} = \frac{8}{3} \times \frac{1}{6} = \frac{8}{18} = \frac{4}{9}$$

$$6. \quad 5 \div \frac{15}{7} = \frac{5}{1} \div \frac{15}{7} = \frac{5}{1} \times \frac{7}{15} = \frac{35}{15} = \frac{7}{3} = 2\frac{1}{3}$$

$$7. \quad 4 \div \frac{10}{9} = \frac{4}{1} \div \frac{10}{9} = \frac{4}{1} \times \frac{9}{10} = \frac{36}{10} = \frac{18}{5} = 3\frac{3}{5}$$

$$8. \quad 6 \div \frac{14}{5} = \frac{6}{1} \div \frac{14}{5} = \frac{6}{1} \times \frac{5}{14} = \frac{30}{14} = \frac{15}{7} = 2\frac{1}{7}$$

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

$$10. \quad 3 \div \frac{3}{2} = \frac{3}{1} \div \frac{3}{2} = \frac{3}{1} \times \frac{2}{3} = \frac{6}{3} = 2$$