

# Multiplying and Dividing Proper Fractions (F)

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

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

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

Calculate each result.

1.  $\frac{1}{2} \div \frac{7}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{1}{2} \div \frac{5}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $\frac{1}{3} \times \frac{3}{7} = \text{---} = \text{---}$

4.  $\frac{2}{7} \div \frac{8}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $\frac{4}{7} \times \frac{1}{8} = \text{---} = \text{---}$

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

7.  $\frac{1}{3} \times \frac{3}{8} = \text{---} = \text{---}$

8.  $\frac{6}{7} \times \frac{1}{2} = \text{---} = \text{---}$

9.  $\frac{1}{5} \div \frac{3}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $\frac{1}{3} \times \frac{3}{4} = \text{---} = \text{---}$

## Multiplying and Dividing Proper Fractions (F) Answers

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

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

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

Calculate each result.

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

$$2. \quad \frac{1}{2} \div \frac{5}{6} = \frac{1}{2} \times \frac{6}{5} = \frac{6}{10} = \frac{3}{5}$$

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

$$4. \quad \frac{2}{7} \div \frac{8}{9} = \frac{2}{7} \times \frac{9}{8} = \frac{18}{56} = \frac{9}{28}$$

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

$$6. \quad \frac{4}{5} \div \frac{6}{7} = \frac{4}{5} \times \frac{7}{6} = \frac{28}{30} = \frac{14}{15}$$

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

$$8. \quad \frac{6}{7} \times \frac{1}{2} = \frac{6}{14} = \frac{3}{7}$$

$$9. \quad \frac{1}{5} \div \frac{3}{5} = \frac{1}{5} \times \frac{5}{3} = \frac{5}{15} = \frac{1}{3}$$

$$10. \quad \frac{1}{3} \times \frac{3}{4} = \frac{3}{12} = \frac{1}{4}$$