

# Multiplying and Dividing Proper and Mixed Fractions (I)

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

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

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

Calculate each result.

1.  $2\frac{1}{4} \times \frac{1}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{2}{5} \div 2\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

7.  $\frac{2}{3} \div 1\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9.  $\frac{1}{8} \times 2\frac{3}{4} = \text{---} \times \text{---} = \text{---}$

10.  $\frac{5}{6} \div 2\frac{4}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

## Multiplying and Dividing Proper and Mixed Fractions (I) Answers

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

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

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

Calculate each result.

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

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

$$3. \quad \frac{1}{2} \times 1\frac{2}{9} = \frac{1}{2} \times \frac{11}{9} = \frac{11}{18}$$

$$4. \quad \frac{1}{7} \times 1\frac{3}{7} = \frac{1}{7} \times \frac{10}{7} = \frac{10}{49}$$

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

$$6. \quad \frac{1}{2} \div 2\frac{1}{5} = \frac{1}{2} \div \frac{11}{5} = \frac{1}{2} \times \frac{5}{11} = \frac{5}{22}$$

$$7. \quad \frac{2}{3} \div 1\frac{5}{9} = \frac{2}{3} \div \frac{14}{9} = \frac{2}{3} \times \frac{9}{14} = \frac{18}{42} = \frac{3}{7}$$

$$8. \quad \frac{1}{7} \times 1\frac{1}{5} = \frac{1}{7} \times \frac{6}{5} = \frac{6}{35}$$

$$9. \quad \frac{1}{8} \times 2\frac{3}{4} = \frac{1}{8} \times \frac{11}{4} = \frac{11}{32}$$

$$10. \quad \frac{5}{6} \div 2\frac{4}{7} = \frac{5}{6} \div \frac{18}{7} = \frac{5}{6} \times \frac{7}{18} = \frac{35}{108}$$