

# Multiplying and Dividing Proper and Mixed Fractions (B)

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

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

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

Calculate each result.

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

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

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

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

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

6.  $2\frac{3}{5} \times \frac{4}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

7.  $\frac{2}{5} \div 1\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

8.  $\frac{3}{5} \div 1\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

9.  $\frac{4}{5} \div 2\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10.  $\frac{1}{4} \div 2\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

Calculate each result.

$$1. \quad 1\frac{2}{5} \div \frac{5}{7} = \frac{7}{5} \div \frac{5}{7} = \frac{7}{5} \times \frac{7}{5} = \frac{49}{25} = 1\frac{24}{25}$$

$$2. \quad 1\frac{2}{5} \times \frac{1}{2} = \frac{7}{5} \times \frac{1}{2} = \frac{7}{10}$$

$$3. \quad \frac{5}{9} \times 3\frac{1}{9} = \frac{5}{9} \times \frac{28}{9} = \frac{140}{81} = 1\frac{59}{81}$$

$$4. \quad \frac{2}{9} \times 1\frac{1}{3} = \frac{2}{9} \times \frac{4}{3} = \frac{8}{27}$$

$$5. \quad \frac{1}{2} \times 1\frac{5}{6} = \frac{1}{2} \times \frac{11}{6} = \frac{11}{12}$$

$$6. \quad 2\frac{3}{5} \times \frac{4}{9} = \frac{13}{5} \times \frac{4}{9} = \frac{52}{45} = 1\frac{7}{45}$$

$$7. \quad \frac{2}{5} \div 1\frac{1}{4} = \frac{2}{5} \div \frac{5}{4} = \frac{2}{5} \times \frac{4}{5} = \frac{8}{25}$$

$$8. \quad \frac{3}{5} \div 1\frac{3}{4} = \frac{3}{5} \div \frac{7}{4} = \frac{3}{5} \times \frac{4}{7} = \frac{12}{35}$$

$$9. \quad \frac{4}{5} \div 2\frac{1}{3} = \frac{4}{5} \div \frac{7}{3} = \frac{4}{5} \times \frac{3}{7} = \frac{12}{35}$$

$$10. \quad \frac{1}{4} \div 2\frac{7}{9} = \frac{1}{4} \div \frac{25}{9} = \frac{1}{4} \times \frac{9}{25} = \frac{9}{100}$$