

# Multiplying and Dividing Proper and Mixed Fractions (D)

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

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

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

Calculate each result.

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

2.  $3\frac{1}{3} \times \frac{1}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

8.  $\frac{2}{3} \div 2\frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

10.  $3\frac{3}{5} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

Calculate each result.

$$1. \frac{1}{9} \div 3\frac{1}{3} = \frac{1}{9} \div \frac{10}{3} = \frac{1}{9} \times \frac{3}{10} = \frac{3}{90} = \frac{1}{30}$$

$$2. 3\frac{1}{3} \times \frac{1}{6} = \frac{10}{3} \times \frac{1}{6} = \frac{10}{18} = \frac{5}{9}$$

$$3. 1\frac{3}{4} \times \frac{2}{3} = \frac{7}{4} \times \frac{2}{3} = \frac{14}{12} = \frac{7}{6} = 1\frac{1}{6}$$

$$4. \frac{1}{4} \times 2\frac{2}{7} = \frac{1}{4} \times \frac{16}{7} = \frac{16}{28} = \frac{4}{7}$$

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

$$6. \frac{4}{9} \div 3\frac{1}{3} = \frac{4}{9} \div \frac{10}{3} = \frac{4}{9} \times \frac{3}{10} = \frac{12}{90} = \frac{2}{15}$$

$$7. 1\frac{1}{7} \div \frac{4}{5} = \frac{8}{7} \div \frac{4}{5} = \frac{8}{7} \times \frac{5}{4} = \frac{40}{28} = \frac{10}{7} = 1\frac{3}{7}$$

$$8. \frac{2}{3} \div 2\frac{5}{6} = \frac{2}{3} \div \frac{17}{6} = \frac{2}{3} \times \frac{6}{17} = \frac{12}{51} = \frac{4}{17}$$

$$9. \frac{5}{6} \div 2\frac{1}{6} = \frac{5}{6} \div \frac{13}{6} = \frac{5}{6} \times \frac{6}{13} = \frac{30}{78} = \frac{5}{13}$$

$$10. 3\frac{3}{5} \times \frac{1}{2} = \frac{18}{5} \times \frac{1}{2} = \frac{18}{10} = \frac{9}{5} = 1\frac{4}{5}$$