

# Multiplying and Dividing Proper and Mixed Fractions (H)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

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

9.  $\frac{8}{9} \div 3\frac{1}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $2\frac{4}{5} \times \frac{1}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

Calculate each result.

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

$$2. \quad 1\frac{1}{8} \times \frac{2}{3} = \frac{9}{8} \times \frac{2}{3} = \frac{18}{24} = \frac{3}{4}$$

$$3. \quad 1\frac{1}{3} \div \frac{7}{9} = \frac{4}{3} \div \frac{7}{9} = \frac{4}{3} \times \frac{9}{7} = \frac{36}{21} = \frac{12}{7} = 1\frac{5}{7}$$

$$4. \quad \frac{4}{7} \div 2\frac{2}{7} = \frac{4}{7} \div \frac{16}{7} = \frac{4}{7} \times \frac{7}{16} = \frac{28}{112} = \frac{1}{4}$$

$$5. \quad \frac{1}{2} \times 2\frac{4}{5} = \frac{1}{2} \times \frac{14}{5} = \frac{14}{10} = \frac{7}{5} = 1\frac{2}{5}$$

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

$$7. \quad \frac{3}{4} \div 1\frac{3}{4} = \frac{3}{4} \div \frac{7}{4} = \frac{3}{4} \times \frac{4}{7} = \frac{12}{28} = \frac{3}{7}$$

$$8. \quad \frac{2}{3} \div 3\frac{1}{3} = \frac{2}{3} \div \frac{10}{3} = \frac{2}{3} \times \frac{3}{10} = \frac{6}{30} = \frac{1}{5}$$

$$9. \quad \frac{8}{9} \div 3\frac{1}{7} = \frac{8}{9} \div \frac{22}{7} = \frac{8}{9} \times \frac{7}{22} = \frac{56}{198} = \frac{28}{99}$$

$$10. \quad 2\frac{4}{5} \times \frac{1}{6} = \frac{14}{5} \times \frac{1}{6} = \frac{14}{30} = \frac{7}{15}$$