

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

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

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

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

Calculate each result.

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

2.  $\frac{1}{2} \div 2\frac{1}{4} =$

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

4.  $1\frac{1}{3} \div \frac{2}{3} =$

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

6.  $2\frac{2}{5} \times \frac{1}{8} =$

7.  $1\frac{1}{7} \div \frac{2}{3} =$

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

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

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

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

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

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

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

Calculate each result.

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

$$2. \quad \frac{1}{2} \div 2\frac{1}{4} = \frac{1}{2} \div \frac{9}{4} = \frac{1}{2} \times \frac{4}{9} = \frac{4}{18} = \frac{2}{9}$$

$$3. \quad \frac{1}{4} \times 2\frac{2}{9} = \frac{1}{4} \times \frac{20}{9} = \frac{20}{36} = \frac{5}{9}$$

$$4. \quad 1\frac{1}{3} \div \frac{2}{3} = \frac{4}{3} \div \frac{2}{3} = \frac{4}{3} \times \frac{3}{2} = \frac{12}{6} = 2$$

$$5. \quad 2\frac{2}{7} \times \frac{1}{4} = \frac{16}{7} \times \frac{1}{4} = \frac{16}{28} = \frac{4}{7}$$

$$6. \quad 2\frac{2}{5} \times \frac{1}{8} = \frac{12}{5} \times \frac{1}{8} = \frac{12}{40} = \frac{3}{10}$$

$$7. \quad 1\frac{1}{7} \div \frac{2}{3} = \frac{8}{7} \div \frac{2}{3} = \frac{8}{7} \times \frac{3}{2} = \frac{24}{14} = \frac{12}{7} = 1\frac{5}{7}$$

$$8. \quad 2\frac{5}{6} \div \frac{2}{3} = \frac{17}{6} \div \frac{2}{3} = \frac{17}{6} \times \frac{3}{2} = \frac{51}{12} = \frac{17}{4} = 4\frac{1}{4}$$

$$9. \quad 2\frac{4}{5} \times \frac{1}{2} = \frac{14}{5} \times \frac{1}{2} = \frac{14}{10} = \frac{7}{5} = 1\frac{2}{5}$$

$$10. \quad 1\frac{1}{2} \times \frac{5}{6} = \frac{3}{2} \times \frac{5}{6} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$