

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

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

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

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

Calculate each result.

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

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

3.  $2\frac{3}{5} \times \frac{3}{7} =$

4.  $\frac{2}{3} \div 2\frac{2}{9} =$

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

6.  $1\frac{3}{4} \times \frac{1}{3} =$

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

8.  $3\frac{1}{2} \div \frac{4}{5} =$

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

10.  $1\frac{3}{4} \div \frac{6}{7} =$

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

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

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

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

Calculate each result.

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

$$2. \quad 2\frac{2}{3} \times \frac{1}{4} = \frac{8}{3} \times \frac{1}{4} = \frac{8}{12} = \frac{2}{3}$$

$$3. \quad 2\frac{3}{5} \times \frac{3}{7} = \frac{13}{5} \times \frac{3}{7} = \frac{39}{35} = 1\frac{4}{35}$$

$$4. \quad \frac{2}{3} \div 2\frac{2}{9} = \frac{2}{3} \div \frac{20}{9} = \frac{2}{3} \times \frac{9}{20} = \frac{18}{60} = \frac{3}{10}$$

$$5. \quad 3\frac{1}{2} \times \frac{5}{9} = \frac{7}{2} \times \frac{5}{9} = \frac{35}{18} = 1\frac{17}{18}$$

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

$$7. \quad 2\frac{1}{2} \div \frac{2}{3} = \frac{5}{2} \div \frac{2}{3} = \frac{5}{2} \times \frac{3}{2} = \frac{15}{4} = 3\frac{3}{4}$$

$$8. \quad 3\frac{1}{2} \div \frac{4}{5} = \frac{7}{2} \div \frac{4}{5} = \frac{7}{2} \times \frac{5}{4} = \frac{35}{8} = 4\frac{3}{8}$$

$$9. \quad \frac{2}{3} \div 3\frac{1}{4} = \frac{2}{3} \div \frac{13}{4} = \frac{2}{3} \times \frac{4}{13} = \frac{8}{39}$$

$$10. \quad 1\frac{3}{4} \div \frac{6}{7} = \frac{7}{4} \div \frac{6}{7} = \frac{7}{4} \times \frac{7}{6} = \frac{49}{24} = 2\frac{1}{24}$$