

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

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

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

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

Calculate each result.

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

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

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

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

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

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

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

8.  $1\frac{3}{5} \times \frac{5}{7} =$

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

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

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

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

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

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

Calculate each result.

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

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

$$3. 3\frac{1}{3} \div \frac{7}{9} = \frac{10}{3} \div \frac{7}{9} = \frac{10}{3} \times \frac{9}{7} = \frac{90}{21} = \frac{30}{7} = 4\frac{2}{7}$$

$$4. \frac{1}{8} \div 3\frac{3}{4} = \frac{1}{8} \div \frac{15}{4} = \frac{1}{8} \times \frac{4}{15} = \frac{4}{120} = \frac{1}{30}$$

$$5. 3\frac{1}{2} \div \frac{3}{4} = \frac{7}{2} \div \frac{3}{4} = \frac{7}{2} \times \frac{4}{3} = \frac{28}{6} = \frac{14}{3} = 4\frac{2}{3}$$

$$6. 1\frac{2}{3} \times \frac{1}{5} = \frac{5}{3} \times \frac{1}{5} = \frac{5}{15} = \frac{1}{3}$$

$$7. \frac{1}{3} \times 2\frac{1}{4} = \frac{1}{3} \times \frac{9}{4} = \frac{9}{12} = \frac{3}{4}$$

$$8. 1\frac{3}{5} \times \frac{5}{7} = \frac{8}{5} \times \frac{5}{7} = \frac{40}{35} = \frac{8}{7} = 1\frac{1}{7}$$

$$9. 2\frac{3}{4} \times \frac{2}{3} = \frac{11}{4} \times \frac{2}{3} = \frac{22}{12} = \frac{11}{6} = 1\frac{5}{6}$$

$$10. \frac{4}{9} \times 3\frac{1}{4} = \frac{4}{9} \times \frac{13}{4} = \frac{52}{36} = \frac{13}{9} = 1\frac{4}{9}$$