

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

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

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

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

Calculate each result.

1.  $\frac{3}{2} \div \frac{8}{9} =$

2.  $\frac{20}{7} \times \frac{1}{2} =$

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

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

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

6.  $\frac{1}{4} \times \frac{8}{3} =$

7.  $\frac{11}{8} \div \frac{6}{7} =$

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

9.  $\frac{3}{4} \times \frac{5}{4} =$

10.  $\frac{2}{5} \div \frac{5}{4} =$

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

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

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

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

Calculate each result.

$$1. \quad \frac{3}{2} \div \frac{8}{9} = \frac{3}{2} \times \frac{9}{8} = \frac{27}{16} = 1\frac{11}{16}$$

$$2. \quad \frac{20}{7} \times \frac{1}{2} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

$$3. \quad \frac{3}{4} \div \frac{8}{5} = \frac{3}{4} \times \frac{5}{8} = \frac{15}{32}$$

$$4. \quad \frac{2}{7} \times \frac{5}{4} = \frac{10}{28} = \frac{5}{14}$$

$$5. \quad \frac{3}{2} \times \frac{3}{7} = \frac{9}{14}$$

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

$$7. \quad \frac{11}{8} \div \frac{6}{7} = \frac{11}{8} \times \frac{7}{6} = \frac{77}{48} = 1\frac{29}{48}$$

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

$$9. \quad \frac{3}{4} \times \frac{5}{4} = \frac{15}{16}$$

$$10. \quad \frac{2}{5} \div \frac{5}{4} = \frac{2}{5} \times \frac{4}{5} = \frac{8}{25}$$