

# Multiplying and Dividing Various Fractions (F)

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

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

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

Calculate each result.

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

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

3.  $\frac{29}{9} \div 2\frac{1}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

5.  $\frac{17}{5} \div \frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $1\frac{8}{9} \div \frac{26}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

8.  $\frac{2}{3} \div \frac{11}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $\frac{11}{4} \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $\frac{5}{6} \times \frac{5}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Various Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{8}{5} \times 3\frac{1}{3} = \frac{8}{5} \times \frac{10}{3} = \frac{80}{15} = \frac{16}{3} = 5\frac{1}{3}$$

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

$$3. \quad \frac{29}{9} \div 2\frac{1}{5} = \frac{29}{9} \div \frac{11}{5} = \frac{29}{9} \times \frac{5}{11} = \frac{145}{99} = 1\frac{46}{99}$$

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

$$5. \quad \frac{17}{5} \div \frac{1}{4} = \frac{17}{5} \div \frac{1}{4} = \frac{17}{5} \times \frac{4}{1} = \frac{68}{5} = 13\frac{3}{5}$$

$$6. \quad 1\frac{8}{9} \div \frac{26}{9} = \frac{17}{9} \div \frac{26}{9} = \frac{17}{9} \times \frac{9}{26} = \frac{153}{234} = \frac{17}{26}$$

$$7. \quad 3\frac{1}{2} \times \frac{4}{7} = \frac{7}{2} \times \frac{4}{7} = \frac{28}{14} = 2$$

$$8. \quad \frac{2}{3} \div \frac{11}{3} = \frac{2}{3} \times \frac{3}{11} = \frac{6}{33} = \frac{2}{11}$$

$$9. \quad \frac{11}{4} \times 3\frac{1}{2} = \frac{11}{4} \times \frac{7}{2} = \frac{77}{8} = 9\frac{5}{8}$$

$$10. \quad \frac{5}{6} \times \frac{5}{3} = \frac{5}{6} \times \frac{5}{3} = \frac{25}{18} = 1\frac{7}{18}$$