

## Multiplying and Dividing Various Fractions (C)

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

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

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

Calculate each result.

1.  $\frac{12}{7} \div \frac{5}{7} =$

2.  $\frac{3}{4} \times \frac{5}{6} =$

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

4.  $\frac{17}{7} \div \frac{3}{7} =$

5.  $3\frac{1}{7} \times 1\frac{1}{4} =$

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

7.  $\frac{9}{5} \times 2\frac{6}{7} =$

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

9.  $3\frac{5}{6} \div \frac{4}{9} =$

10.  $1\frac{3}{5} \times \frac{11}{6} =$

## Multiplying and Dividing Various Fractions (C) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{12}{7} \div \frac{5}{7} = \frac{12}{7} \times \frac{7}{5} = \frac{84}{35} = \frac{12}{5} = 2\frac{2}{5}$$

$$2. \quad \frac{3}{4} \times \frac{5}{6} = \frac{3}{4} \times \frac{5}{6} = \frac{15}{24} = \frac{5}{8}$$

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

$$4. \quad \frac{17}{7} \div \frac{3}{7} = \frac{17}{7} \div \frac{3}{7} = \frac{17}{7} \times \frac{7}{3} = \frac{119}{21} = \frac{17}{3} = 5\frac{2}{3}$$

$$5. \quad 3\frac{1}{7} \times 1\frac{1}{4} = \frac{22}{7} \times \frac{5}{4} = \frac{110}{28} = \frac{55}{14} = 3\frac{13}{14}$$

$$6. \quad \frac{10}{3} \times \frac{5}{2} = \frac{50}{6} = \frac{25}{3} = 8\frac{1}{3}$$

$$7. \quad \frac{9}{5} \times 2\frac{6}{7} = \frac{9}{5} \times \frac{20}{7} = \frac{180}{35} = \frac{36}{7} = 5\frac{1}{7}$$

$$8. \quad 2\frac{3}{4} \div 3\frac{1}{2} = \frac{11}{4} \div \frac{7}{2} = \frac{11}{4} \times \frac{2}{7} = \frac{22}{28} = \frac{11}{14}$$

$$9. \quad 3\frac{5}{6} \div \frac{4}{9} = \frac{23}{6} \div \frac{4}{9} = \frac{23}{6} \times \frac{9}{4} = \frac{207}{24} = \frac{69}{8} = 8\frac{5}{8}$$

$$10. \quad 1\frac{3}{5} \times \frac{11}{6} = \frac{8}{5} \times \frac{11}{6} = \frac{88}{30} = \frac{44}{15} = 2\frac{14}{15}$$