

## Multiplying and Dividing Various Fractions (E)

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

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

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

Calculate each result.

1.  $3\frac{5}{9} \div \frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

5.  $1\frac{2}{3} \times 2\frac{1}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6.  $\frac{1}{2} \div \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

7.  $\frac{3}{4} \times \frac{7}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $2\frac{2}{5} \div \frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $3\frac{5}{8} \div 1\frac{1}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $\frac{17}{7} \times \frac{3}{4} = \text{---} = \text{---}$

## Multiplying and Dividing Various Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{5}{9} \div \frac{3}{4} = \frac{32}{9} \div \frac{3}{4} = \frac{32}{9} \times \frac{4}{3} = \frac{128}{27} = 4\frac{20}{27}$$

$$2. \quad 3\frac{2}{3} \times 3\frac{1}{2} = \frac{11}{3} \times \frac{7}{2} = \frac{77}{6} = 12\frac{5}{6}$$

$$3. \quad 3\frac{4}{7} \times \frac{2}{3} = \frac{25}{7} \times \frac{2}{3} = \frac{50}{21} = 2\frac{8}{21}$$

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

$$5. \quad 1\frac{2}{3} \times 2\frac{1}{4} = \frac{5}{3} \times \frac{9}{4} = \frac{45}{12} = \frac{15}{4} = 3\frac{3}{4}$$

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

$$7. \quad \frac{3}{4} \times \frac{7}{6} = \frac{3}{4} \times \frac{7}{6} = \frac{21}{24} = \frac{7}{8}$$

$$8. \quad 2\frac{2}{5} \div \frac{1}{2} = \frac{12}{5} \div \frac{1}{2} = \frac{12}{5} \times \frac{2}{1} = \frac{24}{5} = 4\frac{4}{5}$$

$$9. \quad 3\frac{5}{8} \div 1\frac{1}{5} = \frac{29}{8} \div \frac{6}{5} = \frac{29}{8} \times \frac{5}{6} = \frac{145}{48} = 3\frac{1}{48}$$

$$10. \quad \frac{17}{7} \times \frac{3}{4} = \frac{51}{28} = 1\frac{23}{28}$$