

## Multiplying and Dividing Mixed Fractions (D)

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

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

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

Calculate each result.

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

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

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

4.  $5\frac{2}{3} \div 3\frac{5}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $3\frac{1}{6} \div 4\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $4\frac{3}{7} \div 5\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

8.  $1\frac{1}{3} \times 4\frac{5}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

10.  $3\frac{1}{2} \times 4\frac{1}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Mixed Fractions (D) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{3}{4} \times 4\frac{1}{3} = \frac{15}{4} \times \frac{13}{3} = \frac{195}{12} = \frac{65}{4} = 16\frac{1}{4}$$

$$2. \quad 4\frac{1}{2} \div 1\frac{1}{5} = \frac{9}{2} \div \frac{6}{5} = \frac{9}{2} \times \frac{5}{6} = \frac{45}{12} = \frac{15}{4} = 3\frac{3}{4}$$

$$3. \quad 4\frac{3}{4} \times 1\frac{1}{8} = \frac{19}{4} \times \frac{9}{8} = \frac{171}{32} = 5\frac{11}{32}$$

$$4. \quad 5\frac{2}{3} \div 3\frac{5}{8} = \frac{17}{3} \div \frac{29}{8} = \frac{17}{3} \times \frac{8}{29} = \frac{136}{87} = 1\frac{49}{87}$$

$$5. \quad 3\frac{1}{6} \div 4\frac{1}{3} = \frac{19}{6} \div \frac{13}{3} = \frac{19}{6} \times \frac{3}{13} = \frac{57}{78} = \frac{19}{26}$$

$$6. \quad 4\frac{3}{7} \div 5\frac{5}{9} = \frac{31}{7} \div \frac{50}{9} = \frac{31}{7} \times \frac{9}{50} = \frac{279}{350}$$

$$7. \quad 2\frac{1}{2} \div 1\frac{4}{7} = \frac{5}{2} \div \frac{11}{7} = \frac{5}{2} \times \frac{7}{11} = \frac{35}{22} = 1\frac{13}{22}$$

$$8. \quad 1\frac{1}{3} \times 4\frac{5}{8} = \frac{4}{3} \times \frac{37}{8} = \frac{148}{24} = \frac{37}{6} = 6\frac{1}{6}$$

$$9. \quad 2\frac{1}{4} \times 4\frac{2}{3} = \frac{9}{4} \times \frac{14}{3} = \frac{126}{12} = \frac{21}{2} = 10\frac{1}{2}$$

$$10. \quad 3\frac{1}{2} \times 4\frac{1}{8} = \frac{7}{2} \times \frac{33}{8} = \frac{231}{16} = 14\frac{7}{16}$$