

# Multiplying and Dividing Mixed Fractions (A)

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

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

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

Calculate each result.

$$1. \quad 1\frac{7}{8} \times 1\frac{2}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

Convert ↑                      Result                      Simplify                      Convert ↓

$$2. \quad 4\frac{7}{8} \div 1\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

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

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

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

$$6. \quad 5\frac{4}{7} \div 1\frac{4}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

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

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

$$9. \quad 2\frac{1}{2} \div 2\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$10. \quad 1\frac{2}{9} \div 5\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

## Multiplying and Dividing Mixed Fractions (A) Answers

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

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

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

Calculate each result.

$$1. \quad 1\frac{7}{8} \times 1\frac{2}{5} = \frac{15}{8} \times \frac{7}{5} = \frac{105}{40} = \frac{21}{8} = 2\frac{5}{8}$$

$$2. \quad 4\frac{7}{8} \div 1\frac{3}{4} = \frac{39}{8} \div \frac{7}{4} = \frac{39}{8} \times \frac{4}{7} = \frac{156}{56} = \frac{39}{14} = 2\frac{11}{14}$$

$$3. \quad 4\frac{5}{7} \times 1\frac{1}{3} = \frac{33}{7} \times \frac{4}{3} = \frac{132}{21} = \frac{44}{7} = 6\frac{2}{7}$$

$$4. \quad 4\frac{2}{3} \div 2\frac{1}{9} = \frac{14}{3} \div \frac{19}{9} = \frac{14}{3} \times \frac{9}{19} = \frac{126}{57} = \frac{42}{19} = 2\frac{4}{19}$$

$$5. \quad 5\frac{3}{5} \times 2\frac{4}{5} = \frac{28}{5} \times \frac{14}{5} = \frac{392}{25} = 15\frac{17}{25}$$

$$6. \quad 5\frac{4}{7} \div 1\frac{4}{9} = \frac{39}{7} \div \frac{13}{9} = \frac{39}{7} \times \frac{9}{13} = \frac{351}{91} = \frac{27}{7} = 3\frac{6}{7}$$

$$7. \quad 4\frac{1}{7} \times 3\frac{2}{3} = \frac{29}{7} \times \frac{11}{3} = \frac{319}{21} = 15\frac{4}{21}$$

$$8. \quad 1\frac{1}{3} \times 1\frac{1}{4} = \frac{4}{3} \times \frac{5}{4} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$9. \quad 2\frac{1}{2} \div 2\frac{1}{2} = \frac{5}{2} \div \frac{5}{2} = \frac{5}{2} \times \frac{2}{5} = \frac{10}{10} = 1$$

$$10. \quad 1\frac{2}{9} \div 5\frac{1}{2} = \frac{11}{9} \div \frac{11}{2} = \frac{11}{9} \times \frac{2}{11} = \frac{22}{99} = \frac{2}{9}$$

## Multiplying and Dividing Mixed Fractions (B)

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

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

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

Calculate each result.

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

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

3.  $1\frac{1}{2} \times 1\frac{5}{6} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

7.  $3\frac{1}{2} \div 3\frac{5}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $2\frac{3}{7} \div 3\frac{6}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

10.  $2\frac{7}{9} \times 1\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Mixed Fractions (B) Answers

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

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

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

Calculate each result.

$$1. \quad 4\frac{1}{2} \times 1\frac{2}{3} = \frac{9}{2} \times \frac{5}{3} = \frac{45}{6} = \frac{15}{2} = 7\frac{1}{2}$$

$$2. \quad 4\frac{1}{2} \div 1\frac{4}{7} = \frac{9}{2} \div \frac{11}{7} = \frac{9}{2} \times \frac{7}{11} = \frac{63}{22} = 2\frac{19}{22}$$

$$3. \quad 1\frac{1}{2} \times 1\frac{5}{6} = \frac{3}{2} \times \frac{11}{6} = \frac{33}{12} = \frac{11}{4} = 2\frac{3}{4}$$

$$4. \quad 1\frac{1}{2} \div 3\frac{3}{4} = \frac{3}{2} \div \frac{15}{4} = \frac{3}{2} \times \frac{4}{15} = \frac{12}{30} = \frac{2}{5}$$

$$5. \quad 5\frac{1}{2} \times 4\frac{1}{2} = \frac{11}{2} \times \frac{9}{2} = \frac{99}{4} = 24\frac{3}{4}$$

$$6. \quad 5\frac{4}{5} \times 3\frac{1}{3} = \frac{29}{5} \times \frac{10}{3} = \frac{290}{15} = \frac{58}{3} = 19\frac{1}{3}$$

$$7. \quad 3\frac{1}{2} \div 3\frac{5}{8} = \frac{7}{2} \div \frac{29}{8} = \frac{7}{2} \times \frac{8}{29} = \frac{56}{58} = \frac{28}{29}$$

$$8. \quad 2\frac{3}{7} \div 3\frac{6}{7} = \frac{17}{7} \div \frac{27}{7} = \frac{17}{7} \times \frac{7}{27} = \frac{119}{189} = \frac{17}{27}$$

$$9. \quad 3\frac{2}{3} \div 1\frac{3}{5} = \frac{11}{3} \div \frac{8}{5} = \frac{11}{3} \times \frac{5}{8} = \frac{55}{24} = 2\frac{7}{24}$$

$$10. \quad 2\frac{7}{9} \times 1\frac{2}{3} = \frac{25}{9} \times \frac{5}{3} = \frac{125}{27} = 4\frac{17}{27}$$

## Multiplying and Dividing Mixed Fractions (C)

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

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

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

Calculate each result.

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

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

3.  $2\frac{5}{8} \times 1\frac{1}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

5.  $5\frac{1}{6} \times 2\frac{1}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6.  $4\frac{1}{2} \div 4\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

8.  $2\frac{1}{5} \div 4\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

10.  $4\frac{4}{7} \times 1\frac{2}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Mixed Fractions (C) Answers

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

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

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

Calculate each result.

$$1. \quad 4\frac{2}{5} \div 1\frac{2}{3} = \frac{22}{5} \div \frac{5}{3} = \frac{22}{5} \times \frac{3}{5} = \frac{66}{25} = 2\frac{16}{25}$$

$$2. \quad 5\frac{1}{9} \times 2\frac{5}{9} = \frac{46}{9} \times \frac{23}{9} = \frac{1058}{81} = 13\frac{5}{81}$$

$$3. \quad 2\frac{5}{8} \times 1\frac{1}{5} = \frac{21}{8} \times \frac{6}{5} = \frac{126}{40} = \frac{63}{20} = 3\frac{3}{20}$$

$$4. \quad 2\frac{2}{3} \div 4\frac{5}{8} = \frac{8}{3} \div \frac{37}{8} = \frac{8}{3} \times \frac{8}{37} = \frac{64}{111}$$

$$5. \quad 5\frac{1}{6} \times 2\frac{1}{4} = \frac{31}{6} \times \frac{9}{4} = \frac{279}{24} = \frac{93}{8} = 11\frac{5}{8}$$

$$6. \quad 4\frac{1}{2} \div 4\frac{2}{3} = \frac{9}{2} \div \frac{14}{3} = \frac{9}{2} \times \frac{3}{14} = \frac{27}{28}$$

$$7. \quad 3\frac{1}{2} \div 2\frac{1}{2} = \frac{7}{2} \div \frac{5}{2} = \frac{7}{2} \times \frac{2}{5} = \frac{14}{10} = \frac{7}{5} = 1\frac{2}{5}$$

$$8. \quad 2\frac{1}{5} \div 4\frac{2}{3} = \frac{11}{5} \div \frac{14}{3} = \frac{11}{5} \times \frac{3}{14} = \frac{33}{70}$$

$$9. \quad 4\frac{6}{7} \times 4\frac{7}{9} = \frac{34}{7} \times \frac{43}{9} = \frac{1462}{63} = 23\frac{13}{63}$$

$$10. \quad 4\frac{4}{7} \times 1\frac{2}{7} = \frac{32}{7} \times \frac{9}{7} = \frac{288}{49} = 5\frac{43}{49}$$

# 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.

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

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

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

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

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

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

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

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

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

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



## Multiplying and Dividing Mixed Fractions (E)

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

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

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

Calculate each result.

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

2.  $3\frac{4}{9} \div 2\frac{3}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

4.  $4\frac{6}{7} \times 3\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6.  $3\frac{3}{4} \times 4\frac{1}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $2\frac{1}{9} \times 2\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

9.  $1\frac{1}{3} \times 3\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $1\frac{1}{2} \times 2\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \quad 5\frac{2}{3} \div 1\frac{2}{5} = \frac{17}{3} \div \frac{7}{5} = \frac{17}{3} \times \frac{5}{7} = \frac{85}{21} = 4\frac{1}{21}$$

$$2. \quad 3\frac{4}{9} \div 2\frac{3}{4} = \frac{31}{9} \div \frac{11}{4} = \frac{31}{9} \times \frac{4}{11} = \frac{124}{99} = 1\frac{25}{99}$$

$$3. \quad 2\frac{4}{7} \div 5\frac{2}{3} = \frac{18}{7} \div \frac{17}{3} = \frac{18}{7} \times \frac{3}{17} = \frac{54}{119}$$

$$4. \quad 4\frac{6}{7} \times 3\frac{6}{7} = \frac{34}{7} \times \frac{27}{7} = \frac{918}{49} = 18\frac{36}{49}$$

$$5. \quad 3\frac{3}{4} \div 4\frac{1}{2} = \frac{15}{4} \div \frac{9}{2} = \frac{15}{4} \times \frac{2}{9} = \frac{30}{36} = \frac{5}{6}$$

$$6. \quad 3\frac{3}{4} \times 4\frac{1}{5} = \frac{15}{4} \times \frac{21}{5} = \frac{315}{20} = \frac{63}{4} = 15\frac{3}{4}$$

$$7. \quad 2\frac{1}{9} \times 2\frac{1}{2} = \frac{19}{9} \times \frac{5}{2} = \frac{95}{18} = 5\frac{5}{18}$$

$$8. \quad 1\frac{2}{3} \div 4\frac{1}{6} = \frac{5}{3} \div \frac{25}{6} = \frac{5}{3} \times \frac{6}{25} = \frac{30}{75} = \frac{2}{5}$$

$$9. \quad 1\frac{1}{3} \times 3\frac{6}{7} = \frac{4}{3} \times \frac{27}{7} = \frac{108}{21} = \frac{36}{7} = 5\frac{1}{7}$$

$$10. \quad 1\frac{1}{2} \times 2\frac{6}{7} = \frac{3}{2} \times \frac{20}{7} = \frac{60}{14} = \frac{30}{7} = 4\frac{2}{7}$$

## Multiplying and Dividing Mixed Fractions (F)

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

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

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

Calculate each result.

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

2.  $4\frac{5}{7} \times 4\frac{1}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $2\frac{5}{9} \div 1\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $1\frac{3}{4} \times 3\frac{1}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6.  $1\frac{3}{4} \div 2\frac{1}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

9.  $3\frac{6}{7} \times 2\frac{2}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $1\frac{4}{5} \times 2\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{1}{2} \div 3\frac{1}{2} = \frac{5}{2} \div \frac{7}{2} = \frac{5}{2} \times \frac{2}{7} = \frac{10}{14} = \frac{5}{7}$$

$$2. \quad 4\frac{5}{7} \times 4\frac{1}{5} = \frac{33}{7} \times \frac{21}{5} = \frac{693}{35} = \frac{99}{5} = 19\frac{4}{5}$$

$$3. \quad 2\frac{5}{9} \div 1\frac{2}{3} = \frac{23}{9} \div \frac{5}{3} = \frac{23}{9} \times \frac{3}{5} = \frac{69}{45} = \frac{23}{15} = 1\frac{8}{15}$$

$$4. \quad 1\frac{3}{4} \times 3\frac{1}{9} = \frac{7}{4} \times \frac{28}{9} = \frac{196}{36} = \frac{49}{9} = 5\frac{4}{9}$$

$$5. \quad 3\frac{4}{5} \times 5\frac{5}{9} = \frac{19}{5} \times \frac{50}{9} = \frac{950}{45} = \frac{190}{9} = 21\frac{1}{9}$$

$$6. \quad 1\frac{3}{4} \div 2\frac{1}{9} = \frac{7}{4} \div \frac{19}{9} = \frac{7}{4} \times \frac{9}{19} = \frac{63}{76}$$

$$7. \quad 5\frac{5}{7} \div 2\frac{1}{4} = \frac{40}{7} \div \frac{9}{4} = \frac{40}{7} \times \frac{4}{9} = \frac{160}{63} = 2\frac{34}{63}$$

$$8. \quad 2\frac{1}{2} \div 1\frac{1}{3} = \frac{5}{2} \div \frac{4}{3} = \frac{5}{2} \times \frac{3}{4} = \frac{15}{8} = 1\frac{7}{8}$$

$$9. \quad 3\frac{6}{7} \times 2\frac{2}{3} = \frac{27}{7} \times \frac{8}{3} = \frac{216}{21} = \frac{72}{7} = 10\frac{2}{7}$$

$$10. \quad 1\frac{4}{5} \times 2\frac{1}{2} = \frac{9}{5} \times \frac{5}{2} = \frac{45}{10} = \frac{9}{2} = 4\frac{1}{2}$$

# Multiplying and Dividing Mixed Fractions (G)

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

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

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

Calculate each result.

1.  $2\frac{1}{8} \div 2\frac{7}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

4.  $1\frac{5}{7} \times 5\frac{5}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6.  $4\frac{3}{5} \times 3\frac{5}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $5\frac{4}{9} \times 3\frac{3}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $4\frac{3}{4} \div 5\frac{8}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

9.  $3\frac{1}{2} \div 4\frac{5}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

10.  $3\frac{3}{4} \div 5\frac{7}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (G) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{1}{8} \div 2\frac{7}{8} = \frac{17}{8} \div \frac{23}{8} = \frac{17}{8} \times \frac{8}{23} = \frac{136}{184} = \frac{17}{23}$$

$$2. \quad 3\frac{1}{4} \times 3\frac{1}{5} = \frac{13}{4} \times \frac{16}{5} = \frac{208}{20} = \frac{52}{5} = 10\frac{2}{5}$$

$$3. \quad 3\frac{1}{2} \times 3\frac{5}{6} = \frac{7}{2} \times \frac{23}{6} = \frac{161}{12} = 13\frac{5}{12}$$

$$4. \quad 1\frac{5}{7} \times 5\frac{5}{8} = \frac{12}{7} \times \frac{45}{8} = \frac{540}{56} = \frac{135}{14} = 9\frac{9}{14}$$

$$5. \quad 3\frac{1}{4} \div 1\frac{1}{2} = \frac{13}{4} \div \frac{3}{2} = \frac{13}{4} \times \frac{2}{3} = \frac{26}{12} = \frac{13}{6} = 2\frac{1}{6}$$

$$6. \quad 4\frac{3}{5} \times 3\frac{5}{9} = \frac{23}{5} \times \frac{32}{9} = \frac{736}{45} = 16\frac{16}{45}$$

$$7. \quad 5\frac{4}{9} \times 3\frac{3}{5} = \frac{49}{9} \times \frac{18}{5} = \frac{882}{45} = \frac{98}{5} = 19\frac{3}{5}$$

$$8. \quad 4\frac{3}{4} \div 5\frac{8}{9} = \frac{19}{4} \div \frac{53}{9} = \frac{19}{4} \times \frac{9}{53} = \frac{171}{212}$$

$$9. \quad 3\frac{1}{2} \div 4\frac{5}{7} = \frac{7}{2} \div \frac{33}{7} = \frac{7}{2} \times \frac{7}{33} = \frac{49}{66}$$

$$10. \quad 3\frac{3}{4} \div 5\frac{7}{8} = \frac{15}{4} \div \frac{47}{8} = \frac{15}{4} \times \frac{8}{47} = \frac{120}{188} = \frac{30}{47}$$

# Multiplying and Dividing Mixed Fractions (H)

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

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

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

Calculate each result.

1.  $3\frac{1}{7} \div 2\frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $4\frac{3}{5} \times 1\frac{5}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $2\frac{5}{6} \div 3\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

6.  $5\frac{2}{5} \div 4\frac{2}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7.  $3\frac{2}{3} \div 5\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $2\frac{1}{5} \times 4\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

## Multiplying and Dividing Mixed Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{1}{7} \div 2\frac{3}{5} = \frac{22}{7} \div \frac{13}{5} = \frac{22}{7} \times \frac{5}{13} = \frac{110}{91} = 1\frac{19}{91}$$

$$2. \quad 4\frac{3}{5} \times 1\frac{5}{6} = \frac{23}{5} \times \frac{11}{6} = \frac{253}{30} = 8\frac{13}{30}$$

$$3. \quad 2\frac{5}{6} \div 3\frac{3}{8} = \frac{17}{6} \div \frac{27}{8} = \frac{17}{6} \times \frac{8}{27} = \frac{136}{162} = \frac{68}{81}$$

$$4. \quad 1\frac{1}{5} \times 5\frac{1}{2} = \frac{6}{5} \times \frac{11}{2} = \frac{66}{10} = \frac{33}{5} = 6\frac{3}{5}$$

$$5. \quad 5\frac{3}{4} \times 3\frac{1}{2} = \frac{23}{4} \times \frac{7}{2} = \frac{161}{8} = 20\frac{1}{8}$$

$$6. \quad 5\frac{2}{5} \div 4\frac{2}{9} = \frac{27}{5} \div \frac{38}{9} = \frac{27}{5} \times \frac{9}{38} = \frac{243}{190} = 1\frac{53}{190}$$

$$7. \quad 3\frac{2}{3} \div 5\frac{7}{9} = \frac{11}{3} \div \frac{52}{9} = \frac{11}{3} \times \frac{9}{52} = \frac{99}{156} = \frac{33}{52}$$

$$8. \quad 2\frac{1}{5} \times 4\frac{2}{3} = \frac{11}{5} \times \frac{14}{3} = \frac{154}{15} = 10\frac{4}{15}$$

$$9. \quad 4\frac{1}{4} \div 5\frac{1}{4} = \frac{17}{4} \div \frac{21}{4} = \frac{17}{4} \times \frac{4}{21} = \frac{68}{84} = \frac{17}{21}$$

$$10. \quad 1\frac{1}{2} \times 2\frac{1}{2} = \frac{3}{2} \times \frac{5}{2} = \frac{15}{4} = 3\frac{3}{4}$$



# Multiplying and Dividing Mixed Fractions (I)

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

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

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

Calculate each result.

1.  $1\frac{7}{8} \times 5\frac{1}{6} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2.  $2\frac{5}{6} \div 4\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4.  $1\frac{3}{7} \div 3\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

6.  $1\frac{5}{8} \div 2\frac{4}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

7.  $1\frac{1}{2} \div 5\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $4\frac{5}{7} \times 1\frac{5}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $1\frac{3}{4} \times 2\frac{1}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $2\frac{8}{9} \times 3\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Mixed Fractions (I) Answers

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

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

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

Calculate each result.

$$1. \quad 1\frac{7}{8} \times 5\frac{1}{6} = \frac{15}{8} \times \frac{31}{6} = \frac{465}{48} = \frac{155}{16} = 9\frac{11}{16}$$

$$2. \quad 2\frac{5}{6} \div 4\frac{5}{9} = \frac{17}{6} \div \frac{41}{9} = \frac{17}{6} \times \frac{9}{41} = \frac{153}{246} = \frac{51}{82}$$

$$3. \quad 3\frac{5}{6} \times 4\frac{1}{3} = \frac{23}{6} \times \frac{13}{3} = \frac{299}{18} = 16\frac{11}{18}$$

$$4. \quad 1\frac{3}{7} \div 3\frac{3}{8} = \frac{10}{7} \div \frac{27}{8} = \frac{10}{7} \times \frac{8}{27} = \frac{80}{189}$$

$$5. \quad 4\frac{2}{3} \div 2\frac{1}{2} = \frac{14}{3} \div \frac{5}{2} = \frac{14}{3} \times \frac{2}{5} = \frac{28}{15} = 1\frac{13}{15}$$

$$6. \quad 1\frac{5}{8} \div 2\frac{4}{7} = \frac{13}{8} \div \frac{18}{7} = \frac{13}{8} \times \frac{7}{18} = \frac{91}{144}$$

$$7. \quad 1\frac{1}{2} \div 5\frac{3}{4} = \frac{3}{2} \div \frac{23}{4} = \frac{3}{2} \times \frac{4}{23} = \frac{12}{46} = \frac{6}{23}$$

$$8. \quad 4\frac{5}{7} \times 1\frac{5}{8} = \frac{33}{7} \times \frac{13}{8} = \frac{429}{56} = 7\frac{37}{56}$$

$$9. \quad 1\frac{3}{4} \times 2\frac{1}{5} = \frac{7}{4} \times \frac{11}{5} = \frac{77}{20} = 3\frac{17}{20}$$

$$10. \quad 2\frac{8}{9} \times 3\frac{2}{3} = \frac{26}{9} \times \frac{11}{3} = \frac{286}{27} = 10\frac{16}{27}$$

## Multiplying and Dividing Mixed Fractions (J)

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

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

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

Calculate each result.

1.  $5\frac{5}{6} \times 3\frac{1}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

4.  $2\frac{3}{4} \times 3\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6.  $2\frac{1}{5} \div 5\frac{4}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

8.  $3\frac{2}{3} \times 2\frac{3}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $1\frac{2}{7} \div 3\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

10.  $1\frac{5}{6} \div 3\frac{3}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad 5\frac{5}{6} \times 3\frac{1}{5} = \frac{35}{6} \times \frac{16}{5} = \frac{560}{30} = \frac{56}{3} = 18\frac{2}{3}$$

$$2. \quad 1\frac{2}{5} \div 1\frac{1}{2} = \frac{7}{5} \div \frac{3}{2} = \frac{7}{5} \times \frac{2}{3} = \frac{14}{15}$$

$$3. \quad 4\frac{2}{7} \times 3\frac{1}{5} = \frac{30}{7} \times \frac{16}{5} = \frac{480}{35} = \frac{96}{7} = 13\frac{5}{7}$$

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

$$5. \quad 1\frac{1}{5} \div 5\frac{2}{3} = \frac{6}{5} \div \frac{17}{3} = \frac{6}{5} \times \frac{3}{17} = \frac{18}{85}$$

$$6. \quad 2\frac{1}{5} \div 5\frac{4}{5} = \frac{11}{5} \div \frac{29}{5} = \frac{11}{5} \times \frac{5}{29} = \frac{55}{145} = \frac{11}{29}$$

$$7. \quad 3\frac{1}{4} \times 1\frac{1}{2} = \frac{13}{4} \times \frac{3}{2} = \frac{39}{8} = 4\frac{7}{8}$$

$$8. \quad 3\frac{2}{3} \times 2\frac{3}{4} = \frac{11}{3} \times \frac{11}{4} = \frac{121}{12} = 10\frac{1}{12}$$

$$9. \quad 1\frac{2}{7} \div 3\frac{1}{2} = \frac{9}{7} \div \frac{7}{2} = \frac{9}{7} \times \frac{2}{7} = \frac{18}{49}$$

$$10. \quad 1\frac{5}{6} \div 3\frac{3}{4} = \frac{11}{6} \div \frac{15}{4} = \frac{11}{6} \times \frac{4}{15} = \frac{44}{90} = \frac{22}{45}$$