

# Multiplying and Dividing Mixed Fractions (A)

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

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

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

Calculate each result.

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

Convert ↑                      Inversion                      Result                      Simplify

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

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

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

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

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

$$7. \quad 3\frac{5}{6} \div 1\frac{1}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

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

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

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

## Multiplying and Dividing Mixed Fractions (A) Answers

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

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

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

Calculate each result.

$$1. \quad 4\frac{1}{2} \div 5\frac{3}{4} = \frac{9}{2} \div \frac{23}{4} = \frac{9}{2} \times \frac{4}{23} = \frac{36}{46} = \frac{18}{23}$$

$$2. \quad 4\frac{1}{3} \times 3\frac{3}{5} = \frac{13}{3} \times \frac{18}{5} = \frac{234}{15} = \frac{78}{5} = 15\frac{3}{5}$$

$$3. \quad 4\frac{1}{2} \times 4\frac{1}{3} = \frac{9}{2} \times \frac{13}{3} = \frac{117}{6} = \frac{39}{2} = 19\frac{1}{2}$$

$$4. \quad 1\frac{1}{3} \times 5\frac{3}{4} = \frac{4}{3} \times \frac{23}{4} = \frac{92}{12} = \frac{23}{3} = 7\frac{2}{3}$$

$$5. \quad 1\frac{4}{5} \div 5\frac{1}{4} = \frac{9}{5} \div \frac{21}{4} = \frac{9}{5} \times \frac{4}{21} = \frac{36}{105} = \frac{12}{35}$$

$$6. \quad 4\frac{1}{4} \div 4\frac{1}{2} = \frac{17}{4} \div \frac{9}{2} = \frac{17}{4} \times \frac{2}{9} = \frac{34}{36} = \frac{17}{18}$$

$$7. \quad 3\frac{5}{6} \div 1\frac{1}{8} = \frac{23}{6} \div \frac{9}{8} = \frac{23}{6} \times \frac{8}{9} = \frac{184}{54} = \frac{92}{27} = 3\frac{11}{27}$$

$$8. \quad 2\frac{2}{3} \times 3\frac{1}{2} = \frac{8}{3} \times \frac{7}{2} = \frac{56}{6} = \frac{28}{3} = 9\frac{1}{3}$$

$$9. \quad 1\frac{1}{2} \times 5\frac{2}{9} = \frac{3}{2} \times \frac{47}{9} = \frac{141}{18} = \frac{47}{6} = 7\frac{5}{6}$$

$$10. \quad 5\frac{1}{2} \div 3\frac{2}{3} = \frac{11}{2} \div \frac{11}{3} = \frac{11}{2} \times \frac{3}{11} = \frac{33}{22} = \frac{3}{2} = 1\frac{1}{2}$$

## Multiplying and Dividing Mixed Fractions (B)

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

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

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

Calculate each result.

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

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

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

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

5.  $2\frac{1}{2} \times 4\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $4\frac{1}{2} \times 5\frac{1}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} =$

7.  $1\frac{1}{8} \div 4\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

9.  $2\frac{1}{6} \div 3\frac{7}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $2\frac{5}{8} \div 2\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (B) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{1}{3} \div 4\frac{5}{9} = \frac{7}{3} \div \frac{41}{9} = \frac{7}{3} \times \frac{9}{41} = \frac{63}{123} = \frac{21}{41}$$

$$2. \quad 5\frac{1}{2} \times 3\frac{5}{9} = \frac{11}{2} \times \frac{32}{9} = \frac{352}{18} = \frac{176}{9} = 19\frac{5}{9}$$

$$3. \quad 3\frac{1}{2} \div 5\frac{5}{6} = \frac{7}{2} \div \frac{35}{6} = \frac{7}{2} \times \frac{6}{35} = \frac{42}{70} = \frac{3}{5}$$

$$4. \quad 4\frac{2}{3} \times 4\frac{1}{2} = \frac{14}{3} \times \frac{9}{2} = \frac{126}{6} = 21$$

$$5. \quad 2\frac{1}{2} \times 4\frac{6}{7} = \frac{5}{2} \times \frac{34}{7} = \frac{170}{14} = \frac{85}{7} = 12\frac{1}{7}$$

$$6. \quad 4\frac{1}{2} \times 5\frac{1}{3} = \frac{9}{2} \times \frac{16}{3} = \frac{144}{6} = 24$$

$$7. \quad 1\frac{1}{8} \div 4\frac{1}{2} = \frac{9}{8} \div \frac{9}{2} = \frac{9}{8} \times \frac{2}{9} = \frac{18}{72} = \frac{1}{4}$$

$$8. \quad 4\frac{5}{6} \times 4\frac{2}{3} = \frac{29}{6} \times \frac{14}{3} = \frac{406}{18} = \frac{203}{9} = 22\frac{5}{9}$$

$$9. \quad 2\frac{1}{6} \div 3\frac{7}{8} = \frac{13}{6} \div \frac{31}{8} = \frac{13}{6} \times \frac{8}{31} = \frac{104}{186} = \frac{52}{93}$$

$$10. \quad 2\frac{5}{8} \div 2\frac{1}{2} = \frac{21}{8} \div \frac{5}{2} = \frac{21}{8} \times \frac{2}{5} = \frac{42}{40} = \frac{21}{20} = 1\frac{1}{20}$$

# Multiplying and Dividing Mixed Fractions (C)

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

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

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

Calculate each result.

1.  $3\frac{3}{4} \times 4\frac{8}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $5\frac{4}{7} \div 3\frac{6}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

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

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

## Multiplying and Dividing Mixed Fractions (C) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{3}{4} \times 4\frac{8}{9} = \frac{15}{4} \times \frac{44}{9} = \frac{660}{36} = \frac{55}{3} = 18\frac{1}{3}$$

$$2. \quad 5\frac{4}{7} \div 3\frac{6}{7} = \frac{39}{7} \div \frac{27}{7} = \frac{39}{7} \times \frac{7}{27} = \frac{273}{189} = \frac{13}{9} = 1\frac{4}{9}$$

$$3. \quad 5\frac{2}{3} \times 1\frac{1}{5} = \frac{17}{3} \times \frac{6}{5} = \frac{102}{15} = \frac{34}{5} = 6\frac{4}{5}$$

$$4. \quad 3\frac{1}{2} \times 4\frac{1}{7} = \frac{7}{2} \times \frac{29}{7} = \frac{203}{14} = \frac{29}{2} = 14\frac{1}{2}$$

$$5. \quad 4\frac{1}{2} \times 4\frac{1}{3} = \frac{9}{2} \times \frac{13}{3} = \frac{117}{6} = \frac{39}{2} = 19\frac{1}{2}$$

$$6. \quad 3\frac{1}{2} \div 1\frac{2}{5} = \frac{7}{2} \div \frac{7}{5} = \frac{7}{2} \times \frac{5}{7} = \frac{35}{14} = \frac{5}{2} = 2\frac{1}{2}$$

$$7. \quad 5\frac{1}{7} \div 1\frac{1}{2} = \frac{36}{7} \div \frac{3}{2} = \frac{36}{7} \times \frac{2}{3} = \frac{72}{21} = \frac{24}{7} = 3\frac{3}{7}$$

$$8. \quad 5\frac{4}{7} \times 1\frac{2}{3} = \frac{39}{7} \times \frac{5}{3} = \frac{195}{21} = \frac{65}{7} = 9\frac{2}{7}$$

$$9. \quad 4\frac{2}{3} \div 4\frac{1}{5} = \frac{14}{3} \div \frac{21}{5} = \frac{14}{3} \times \frac{5}{21} = \frac{70}{63} = \frac{10}{9} = 1\frac{1}{9}$$

$$10. \quad 1\frac{1}{3} \div 4\frac{1}{3} = \frac{4}{3} \div \frac{13}{3} = \frac{4}{3} \times \frac{3}{13} = \frac{12}{39} = \frac{4}{13}$$

## Multiplying and Dividing Mixed Fractions (D)

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

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

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

Calculate each result.

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

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

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

4.  $4\frac{7}{8} \times 1\frac{1}{6} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6.  $3\frac{1}{2} \times 2\frac{5}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

## Multiplying and Dividing Mixed Fractions (D) Answers

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

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

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

Calculate each result.

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

$$2. \quad 5\frac{1}{4} \div 5\frac{1}{7} = \frac{21}{4} \div \frac{36}{7} = \frac{21}{4} \times \frac{7}{36} = \frac{147}{144} = \frac{49}{48} = 1\frac{1}{48}$$

$$3. \quad 5\frac{2}{5} \div 4\frac{1}{2} = \frac{27}{5} \div \frac{9}{2} = \frac{27}{5} \times \frac{2}{9} = \frac{54}{45} = \frac{6}{5} = 1\frac{1}{5}$$

$$4. \quad 4\frac{7}{8} \times 1\frac{1}{6} = \frac{39}{8} \times \frac{7}{6} = \frac{273}{48} = \frac{91}{16} = 5\frac{11}{16}$$

$$5. \quad 4\frac{4}{5} \times 4\frac{1}{4} = \frac{24}{5} \times \frac{17}{4} = \frac{408}{20} = \frac{102}{5} = 20\frac{2}{5}$$

$$6. \quad 3\frac{1}{2} \times 2\frac{5}{7} = \frac{7}{2} \times \frac{19}{7} = \frac{133}{14} = \frac{19}{2} = 9\frac{1}{2}$$

$$7. \quad 3\frac{2}{3} \div 3\frac{2}{3} = \frac{11}{3} \div \frac{11}{3} = \frac{11}{3} \times \frac{3}{11} = \frac{33}{33} = 1$$

$$8. \quad 4\frac{1}{2} \div 3\frac{1}{4} = \frac{9}{2} \div \frac{13}{4} = \frac{9}{2} \times \frac{4}{13} = \frac{36}{26} = \frac{18}{13} = 1\frac{5}{13}$$

$$9. \quad 1\frac{1}{2} \times 3\frac{1}{3} = \frac{3}{2} \times \frac{10}{3} = \frac{30}{6} = 5$$

$$10. \quad 2\frac{1}{2} \times 2\frac{3}{5} = \frac{5}{2} \times \frac{13}{5} = \frac{65}{10} = \frac{13}{2} = 6\frac{1}{2}$$



## Multiplying and Dividing Mixed Fractions (E)

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

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

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

Calculate each result.

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

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

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

4.  $2\frac{6}{7} \times 2\frac{1}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

10.  $1\frac{5}{7} \times 1\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \quad 1\frac{1}{3} \div 4\frac{2}{3} = \frac{4}{3} \div \frac{14}{3} = \frac{4}{3} \times \frac{3}{14} = \frac{12}{42} = \frac{2}{7}$$

$$2. \quad 5\frac{1}{6} \div 3\frac{1}{2} = \frac{31}{6} \div \frac{7}{2} = \frac{31}{6} \times \frac{2}{7} = \frac{62}{42} = \frac{31}{21} = 1\frac{10}{21}$$

$$3. \quad 5\frac{2}{7} \div 2\frac{3}{7} = \frac{37}{7} \div \frac{17}{7} = \frac{37}{7} \times \frac{7}{17} = \frac{259}{119} = \frac{37}{17} = 2\frac{3}{17}$$

$$4. \quad 2\frac{6}{7} \times 2\frac{1}{3} = \frac{20}{7} \times \frac{7}{3} = \frac{140}{21} = \frac{20}{3} = 6\frac{2}{3}$$

$$5. \quad 5\frac{1}{5} \times 1\frac{1}{2} = \frac{26}{5} \times \frac{3}{2} = \frac{78}{10} = \frac{39}{5} = 7\frac{4}{5}$$

$$6. \quad 1\frac{1}{5} \times 3\frac{1}{2} = \frac{6}{5} \times \frac{7}{2} = \frac{42}{10} = \frac{21}{5} = 4\frac{1}{5}$$

$$7. \quad 4\frac{1}{4} \times 2\frac{2}{7} = \frac{17}{4} \times \frac{16}{7} = \frac{272}{28} = \frac{68}{7} = 9\frac{5}{7}$$

$$8. \quad 1\frac{1}{2} \div 4\frac{5}{8} = \frac{3}{2} \div \frac{37}{8} = \frac{3}{2} \times \frac{8}{37} = \frac{24}{74} = \frac{12}{37}$$

$$9. \quad 5\frac{5}{9} \div 4\frac{1}{3} = \frac{50}{9} \div \frac{13}{3} = \frac{50}{9} \times \frac{3}{13} = \frac{150}{117} = \frac{50}{39} = 1\frac{11}{39}$$

$$10. \quad 1\frac{5}{7} \times 1\frac{1}{2} = \frac{12}{7} \times \frac{3}{2} = \frac{36}{14} = \frac{18}{7} = 2\frac{4}{7}$$

## Multiplying and Dividing Mixed Fractions (F)

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

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

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

Calculate each result.

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

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

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

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

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

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

7.  $2\frac{1}{8} \times 4\frac{6}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

10.  $2\frac{2}{3} \times 4\frac{3}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{1}{6} \div 4\frac{2}{3} = \frac{19}{6} \div \frac{14}{3} = \frac{19}{6} \times \frac{3}{14} = \frac{57}{84} = \frac{19}{28}$$

$$2. \quad 5\frac{7}{9} \div 3\frac{3}{5} = \frac{52}{9} \div \frac{18}{5} = \frac{52}{9} \times \frac{5}{18} = \frac{260}{162} = \frac{130}{81} = 1\frac{49}{81}$$

$$3. \quad 4\frac{1}{3} \times 5\frac{2}{5} = \frac{13}{3} \times \frac{27}{5} = \frac{351}{15} = \frac{117}{5} = 23\frac{2}{5}$$

$$4. \quad 3\frac{2}{3} \div 4\frac{1}{3} = \frac{11}{3} \div \frac{13}{3} = \frac{11}{3} \times \frac{3}{13} = \frac{33}{39} = \frac{11}{13}$$

$$5. \quad 2\frac{3}{4} \times 5\frac{7}{9} = \frac{11}{4} \times \frac{52}{9} = \frac{572}{36} = \frac{143}{9} = 15\frac{8}{9}$$

$$6. \quad 3\frac{5}{6} \div 3\frac{1}{2} = \frac{23}{6} \div \frac{7}{2} = \frac{23}{6} \times \frac{2}{7} = \frac{46}{42} = \frac{23}{21} = 1\frac{2}{21}$$

$$7. \quad 2\frac{1}{8} \times 4\frac{6}{7} = \frac{17}{8} \times \frac{34}{7} = \frac{578}{56} = \frac{289}{28} = 10\frac{9}{28}$$

$$8. \quad 4\frac{4}{5} \div 1\frac{2}{7} = \frac{24}{5} \div \frac{9}{7} = \frac{24}{5} \times \frac{7}{9} = \frac{168}{45} = \frac{56}{15} = 3\frac{11}{15}$$

$$9. \quad 4\frac{4}{9} \times 1\frac{1}{2} = \frac{40}{9} \times \frac{3}{2} = \frac{120}{18} = \frac{20}{3} = 6\frac{2}{3}$$

$$10. \quad 2\frac{2}{3} \times 4\frac{3}{4} = \frac{8}{3} \times \frac{19}{4} = \frac{152}{12} = \frac{38}{3} = 12\frac{2}{3}$$

## Multiplying and Dividing Mixed Fractions (G)

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

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

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

Calculate each result.

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

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

3.  $5\frac{6}{7} \div 2\frac{6}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

5.  $1\frac{1}{2} \div 3\frac{3}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

## Multiplying and Dividing Mixed Fractions (G) Answers

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

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

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

Calculate each result.

$$1. \quad 1\frac{2}{5} \div 1\frac{3}{4} = \frac{7}{5} \div \frac{7}{4} = \frac{7}{5} \times \frac{4}{7} = \frac{28}{35} = \frac{4}{5}$$

$$2. \quad 1\frac{3}{5} \times 2\frac{1}{2} = \frac{8}{5} \times \frac{5}{2} = \frac{40}{10} = 4$$

$$3. \quad 5\frac{6}{7} \div 2\frac{6}{7} = \frac{41}{7} \div \frac{20}{7} = \frac{41}{7} \times \frac{7}{20} = \frac{287}{140} = \frac{41}{20} = 2\frac{1}{20}$$

$$4. \quad 1\frac{1}{5} \div 4\frac{2}{5} = \frac{6}{5} \div \frac{22}{5} = \frac{6}{5} \times \frac{5}{22} = \frac{30}{110} = \frac{3}{11}$$

$$5. \quad 1\frac{1}{2} \div 3\frac{3}{8} = \frac{3}{2} \div \frac{27}{8} = \frac{3}{2} \times \frac{8}{27} = \frac{24}{54} = \frac{4}{9}$$

$$6. \quad 1\frac{3}{5} \div 2\frac{4}{9} = \frac{8}{5} \div \frac{22}{9} = \frac{8}{5} \times \frac{9}{22} = \frac{72}{110} = \frac{36}{55}$$

$$7. \quad 1\frac{1}{2} \times 2\frac{1}{6} = \frac{3}{2} \times \frac{13}{6} = \frac{39}{12} = \frac{13}{4} = 3\frac{1}{4}$$

$$8. \quad 2\frac{3}{4} \times 1\frac{1}{5} = \frac{11}{4} \times \frac{6}{5} = \frac{66}{20} = \frac{33}{10} = 3\frac{3}{10}$$

$$9. \quad 4\frac{4}{5} \times 2\frac{2}{3} = \frac{24}{5} \times \frac{8}{3} = \frac{192}{15} = \frac{64}{5} = 12\frac{4}{5}$$

$$10. \quad 5\frac{3}{5} \times 4\frac{1}{6} = \frac{28}{5} \times \frac{25}{6} = \frac{700}{30} = \frac{70}{3} = 23\frac{1}{3}$$

## Multiplying and Dividing Mixed Fractions (H)

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

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

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

Calculate each result.

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

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

3.  $5\frac{2}{9} \div 1\frac{8}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

7.  $5\frac{1}{2} \div 1\frac{1}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $2\frac{4}{9} \times 2\frac{1}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $2\frac{5}{8} \div 5\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

## Multiplying and Dividing Mixed Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{4}{9} \times 1\frac{1}{5} = \frac{31}{9} \times \frac{6}{5} = \frac{186}{45} = \frac{62}{15} = 4\frac{2}{15}$$

$$2. \quad 1\frac{5}{6} \times 4\frac{1}{2} = \frac{11}{6} \times \frac{9}{2} = \frac{99}{12} = \frac{33}{4} = 8\frac{1}{4}$$

$$3. \quad 5\frac{2}{9} \div 1\frac{8}{9} = \frac{47}{9} \div \frac{17}{9} = \frac{47}{9} \times \frac{9}{17} = \frac{423}{153} = \frac{47}{17} = 2\frac{13}{17}$$

$$4. \quad 4\frac{1}{2} \div 1\frac{1}{2} = \frac{9}{2} \div \frac{3}{2} = \frac{9}{2} \times \frac{2}{3} = \frac{18}{6} = 3$$

$$5. \quad 5\frac{1}{3} \times 2\frac{1}{2} = \frac{16}{3} \times \frac{5}{2} = \frac{80}{6} = \frac{40}{3} = 13\frac{1}{3}$$

$$6. \quad 2\frac{3}{5} \times 1\frac{2}{3} = \frac{13}{5} \times \frac{5}{3} = \frac{65}{15} = \frac{13}{3} = 4\frac{1}{3}$$

$$7. \quad 5\frac{1}{2} \div 1\frac{1}{8} = \frac{11}{2} \div \frac{9}{8} = \frac{11}{2} \times \frac{8}{9} = \frac{88}{18} = \frac{44}{9} = 4\frac{8}{9}$$

$$8. \quad 2\frac{4}{9} \times 2\frac{1}{4} = \frac{22}{9} \times \frac{9}{4} = \frac{198}{36} = \frac{11}{2} = 5\frac{1}{2}$$

$$9. \quad 2\frac{5}{8} \div 5\frac{1}{2} = \frac{21}{8} \div \frac{11}{2} = \frac{21}{8} \times \frac{2}{11} = \frac{42}{88} = \frac{21}{44}$$

$$10. \quad 5\frac{1}{5} \div 3\frac{1}{5} = \frac{26}{5} \div \frac{16}{5} = \frac{26}{5} \times \frac{5}{16} = \frac{130}{80} = \frac{13}{8} = 1\frac{5}{8}$$



# Multiplying and Dividing Mixed Fractions (I)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

8.  $2\frac{2}{3} \div 5\frac{8}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10.  $3\frac{2}{3} \times 4\frac{7}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Mixed Fractions (I) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{3}{5} \times 5\frac{1}{2} = \frac{18}{5} \times \frac{11}{2} = \frac{198}{10} = \frac{99}{5} = 19\frac{4}{5}$$

$$2. \quad 4\frac{3}{4} \div 3\frac{3}{8} = \frac{19}{4} \div \frac{27}{8} = \frac{19}{4} \times \frac{8}{27} = \frac{152}{108} = \frac{38}{27} = 1\frac{11}{27}$$

$$3. \quad 2\frac{1}{3} \div 1\frac{3}{4} = \frac{7}{3} \div \frac{7}{4} = \frac{7}{3} \times \frac{4}{7} = \frac{28}{21} = \frac{4}{3} = 1\frac{1}{3}$$

$$4. \quad 4\frac{1}{2} \div 2\frac{3}{4} = \frac{9}{2} \div \frac{11}{4} = \frac{9}{2} \times \frac{4}{11} = \frac{36}{22} = \frac{18}{11} = 1\frac{7}{11}$$

$$5. \quad 2\frac{1}{6} \div 5\frac{2}{3} = \frac{13}{6} \div \frac{17}{3} = \frac{13}{6} \times \frac{3}{17} = \frac{39}{102} = \frac{13}{34}$$

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

$$7. \quad 5\frac{5}{7} \times 2\frac{3}{4} = \frac{40}{7} \times \frac{11}{4} = \frac{440}{28} = \frac{110}{7} = 15\frac{5}{7}$$

$$8. \quad 2\frac{2}{3} \div 5\frac{8}{9} = \frac{8}{3} \div \frac{53}{9} = \frac{8}{3} \times \frac{9}{53} = \frac{72}{159} = \frac{24}{53}$$

$$9. \quad 2\frac{1}{4} \times 1\frac{3}{7} = \frac{9}{4} \times \frac{10}{7} = \frac{90}{28} = \frac{45}{14} = 3\frac{3}{14}$$

$$10. \quad 3\frac{2}{3} \times 4\frac{7}{8} = \frac{11}{3} \times \frac{39}{8} = \frac{429}{24} = \frac{143}{8} = 17\frac{7}{8}$$

## Multiplying and Dividing Mixed Fractions (J)

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

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

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

Calculate each result.

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

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

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

4.  $4\frac{8}{9} \div 3\frac{1}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6.  $1\frac{2}{7} \times 2\frac{4}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

8.  $5\frac{3}{7} \times 2\frac{1}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

## Multiplying and Dividing Mixed Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{1}{4} \div 4\frac{1}{8} = \frac{9}{4} \div \frac{33}{8} = \frac{9}{4} \times \frac{8}{33} = \frac{72}{132} = \frac{6}{11}$$

$$2. \quad 5\frac{3}{4} \div 2\frac{1}{2} = \frac{23}{4} \div \frac{5}{2} = \frac{23}{4} \times \frac{2}{5} = \frac{46}{20} = \frac{23}{10} = 2\frac{3}{10}$$

$$3. \quad 1\frac{3}{8} \div 3\frac{1}{4} = \frac{11}{8} \div \frac{13}{4} = \frac{11}{8} \times \frac{4}{13} = \frac{44}{104} = \frac{11}{26}$$

$$4. \quad 4\frac{8}{9} \div 3\frac{1}{6} = \frac{44}{9} \div \frac{19}{6} = \frac{44}{9} \times \frac{6}{19} = \frac{264}{171} = \frac{88}{57} = 1\frac{31}{57}$$

$$5. \quad 1\frac{2}{7} \div 3\frac{4}{7} = \frac{9}{7} \div \frac{25}{7} = \frac{9}{7} \times \frac{7}{25} = \frac{63}{175} = \frac{9}{25}$$

$$6. \quad 1\frac{2}{7} \times 2\frac{4}{9} = \frac{9}{7} \times \frac{22}{9} = \frac{198}{63} = \frac{22}{7} = 3\frac{1}{7}$$

$$7. \quad 1\frac{1}{7} \times 1\frac{3}{4} = \frac{8}{7} \times \frac{7}{4} = \frac{56}{28} = 2$$

$$8. \quad 5\frac{3}{7} \times 2\frac{1}{8} = \frac{38}{7} \times \frac{17}{8} = \frac{646}{56} = \frac{323}{28} = 11\frac{15}{28}$$

$$9. \quad 5\frac{2}{3} \times 2\frac{1}{7} = \frac{17}{3} \times \frac{15}{7} = \frac{255}{21} = \frac{85}{7} = 12\frac{1}{7}$$

$$10. \quad 1\frac{1}{5} \times 1\frac{1}{3} = \frac{6}{5} \times \frac{4}{3} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$