

## Multiplying and Dividing Proper and Mixed Fractions (A)

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

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

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

Calculate each result.

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

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

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

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

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

6.  $1\frac{1}{5} \div \frac{4}{9} =$

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

8.  $\frac{2}{3} \times 3\frac{7}{9} =$

9.  $3\frac{2}{3} \div \frac{4}{5} =$

10.  $\frac{1}{4} \div 1\frac{2}{7} =$

# Multiplying and Dividing Proper and Mixed Fractions (A) Answers

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

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

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

Calculate each result.

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

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

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

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

$$5. \frac{7}{9} \times 3\frac{3}{4} = \frac{7}{9} \times \frac{15}{4} = \frac{105}{36} = \frac{35}{12} = 2\frac{11}{12}$$

$$6. 1\frac{1}{5} \div \frac{4}{9} = \frac{6}{5} \div \frac{4}{9} = \frac{6}{5} \times \frac{9}{4} = \frac{54}{20} = \frac{27}{10} = 2\frac{7}{10}$$

$$7. 2\frac{1}{2} \times \frac{2}{3} = \frac{5}{2} \times \frac{2}{3} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$8. \frac{2}{3} \times 3\frac{7}{9} = \frac{2}{3} \times \frac{34}{9} = \frac{68}{27} = 2\frac{14}{27}$$

$$9. 3\frac{2}{3} \div \frac{4}{5} = \frac{11}{3} \div \frac{4}{5} = \frac{11}{3} \times \frac{5}{4} = \frac{55}{12} = 4\frac{7}{12}$$

$$10. \frac{1}{4} \div 1\frac{2}{7} = \frac{1}{4} \div \frac{9}{7} = \frac{1}{4} \times \frac{7}{9} = \frac{7}{36}$$

## Multiplying and Dividing Proper and Mixed Fractions (B)

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

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

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

Calculate each result.

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

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

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

4.  $3\frac{1}{8} \times \frac{5}{9} =$

5.  $\frac{2}{9} \div 1\frac{7}{8} =$

6.  $1\frac{4}{7} \times \frac{3}{8} =$

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

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

9.  $2\frac{1}{2} \times \frac{1}{2} =$

10.  $2\frac{1}{2} \div \frac{3}{4} =$

# Multiplying and Dividing Proper and Mixed Fractions (B) Answers

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

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

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

Calculate each result.

$$1. \frac{3}{7} \times 3\frac{1}{2} = \frac{3}{7} \times \frac{7}{2} = \frac{21}{14} = \frac{3}{2} = 1\frac{1}{2}$$

$$2. \frac{3}{4} \div 1\frac{4}{5} = \frac{3}{4} \div \frac{9}{5} = \frac{3}{4} \times \frac{5}{9} = \frac{15}{36} = \frac{5}{12}$$

$$3. 2\frac{1}{2} \times \frac{5}{6} = \frac{5}{2} \times \frac{5}{6} = \frac{25}{12} = 2\frac{1}{12}$$

$$4. 3\frac{1}{8} \times \frac{5}{9} = \frac{25}{8} \times \frac{5}{9} = \frac{125}{72} = 1\frac{53}{72}$$

$$5. \frac{2}{9} \div 1\frac{7}{8} = \frac{2}{9} \div \frac{15}{8} = \frac{2}{9} \times \frac{8}{15} = \frac{16}{135}$$

$$6. 1\frac{4}{7} \times \frac{3}{8} = \frac{11}{7} \times \frac{3}{8} = \frac{33}{56}$$

$$7. \frac{1}{9} \div 3\frac{1}{2} = \frac{1}{9} \div \frac{7}{2} = \frac{1}{9} \times \frac{2}{7} = \frac{2}{63}$$

$$8. \frac{3}{4} \div 2\frac{1}{4} = \frac{3}{4} \div \frac{9}{4} = \frac{3}{4} \times \frac{4}{9} = \frac{12}{36} = \frac{1}{3}$$

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

$$10. 2\frac{1}{2} \div \frac{3}{4} = \frac{5}{2} \div \frac{3}{4} = \frac{5}{2} \times \frac{4}{3} = \frac{20}{6} = \frac{10}{3} = 3\frac{1}{3}$$

## Multiplying and Dividing Proper and Mixed Fractions (C)

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

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

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

Calculate each result.

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

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

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

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

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

6.  $3\frac{1}{2} \times \frac{7}{8} =$

7.  $\frac{4}{7} \times 2\frac{4}{7} =$

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

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

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

# Multiplying and Dividing Proper and Mixed Fractions (C) Answers

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

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

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

Calculate each result.

$$1. \frac{1}{2} \times 2\frac{8}{9} = \frac{1}{2} \times \frac{26}{9} = \frac{26}{18} = \frac{13}{9} = 1\frac{4}{9}$$

$$2. \frac{1}{3} \times 3\frac{5}{6} = \frac{1}{3} \times \frac{23}{6} = \frac{23}{18} = 1\frac{5}{18}$$

$$3. 2\frac{2}{7} \times \frac{4}{5} = \frac{16}{7} \times \frac{4}{5} = \frac{64}{35} = 1\frac{29}{35}$$

$$4. 1\frac{2}{3} \div \frac{3}{4} = \frac{5}{3} \div \frac{3}{4} = \frac{5}{3} \times \frac{4}{3} = \frac{20}{9} = 2\frac{2}{9}$$

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

$$6. 3\frac{1}{2} \times \frac{7}{8} = \frac{7}{2} \times \frac{7}{8} = \frac{49}{16} = 3\frac{1}{16}$$

$$7. \frac{4}{7} \times 2\frac{4}{7} = \frac{4}{7} \times \frac{18}{7} = \frac{72}{49} = 1\frac{23}{49}$$

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

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

$$10. \frac{3}{8} \div 2\frac{1}{3} = \frac{3}{8} \div \frac{7}{3} = \frac{3}{8} \times \frac{3}{7} = \frac{9}{56}$$

## Multiplying and Dividing Proper and Mixed Fractions (D)

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

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

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

Calculate each result.

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

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

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

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

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

6.  $\frac{7}{8} \div 1\frac{2}{3} =$

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

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

9.  $2\frac{1}{2} \div \frac{5}{7} =$

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

## Multiplying and Dividing Proper and Mixed Fractions (D) Answers

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

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

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

Calculate each result.

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

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

$$3. \quad \frac{3}{4} \div 1\frac{3}{4} = \frac{3}{4} \div \frac{7}{4} = \frac{3}{4} \times \frac{4}{7} = \frac{12}{28} = \frac{3}{7}$$

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

$$5. \quad \frac{3}{4} \times 1\frac{5}{6} = \frac{3}{4} \times \frac{11}{6} = \frac{33}{24} = \frac{11}{8} = 1\frac{3}{8}$$

$$6. \quad \frac{7}{8} \div 1\frac{2}{3} = \frac{7}{8} \div \frac{5}{3} = \frac{7}{8} \times \frac{3}{5} = \frac{21}{40}$$

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

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

$$9. \quad 2\frac{1}{2} \div \frac{5}{7} = \frac{5}{2} \div \frac{5}{7} = \frac{5}{2} \times \frac{7}{5} = \frac{35}{10} = \frac{7}{2} = 3\frac{1}{2}$$

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



## Multiplying and Dividing Proper and Mixed Fractions (E)

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

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

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

Calculate each result.

1.  $2\frac{2}{3} \div \frac{8}{9} =$

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

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

4.  $3\frac{4}{7} \div \frac{4}{5} =$

5.  $2\frac{7}{8} \div \frac{6}{7} =$

6.  $\frac{1}{3} \div 1\frac{3}{8} =$

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

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

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

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

# Multiplying and Dividing Proper and Mixed Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{2}{3} \div \frac{8}{9} = \frac{8}{3} \div \frac{8}{9} = \frac{8}{3} \times \frac{9}{8} = \frac{72}{24} = 3$$

$$2. \quad \frac{3}{4} \div 1\frac{3}{5} = \frac{3}{4} \div \frac{8}{5} = \frac{3}{4} \times \frac{5}{8} = \frac{15}{32}$$

$$3. \quad 2\frac{3}{8} \times \frac{3}{4} = \frac{19}{8} \times \frac{3}{4} = \frac{57}{32} = 1\frac{25}{32}$$

$$4. \quad 3\frac{4}{7} \div \frac{4}{5} = \frac{25}{7} \div \frac{4}{5} = \frac{25}{7} \times \frac{5}{4} = \frac{125}{28} = 4\frac{13}{28}$$

$$5. \quad 2\frac{7}{8} \div \frac{6}{7} = \frac{23}{8} \div \frac{6}{7} = \frac{23}{8} \times \frac{7}{6} = \frac{161}{48} = 3\frac{17}{48}$$

$$6. \quad \frac{1}{3} \div 1\frac{3}{8} = \frac{1}{3} \div \frac{11}{8} = \frac{1}{3} \times \frac{8}{11} = \frac{8}{33}$$

$$7. \quad \frac{2}{3} \times 1\frac{1}{6} = \frac{2}{3} \times \frac{7}{6} = \frac{14}{18} = \frac{7}{9}$$

$$8. \quad 2\frac{3}{7} \times \frac{2}{5} = \frac{17}{7} \times \frac{2}{5} = \frac{34}{35}$$

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

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

## Multiplying and Dividing Proper and Mixed Fractions (F)

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

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

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

Calculate each result.

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

2.  $\frac{2}{9} \div 1\frac{3}{4} =$

3.  $\frac{2}{5} \div 3\frac{3}{4} =$

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

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

6.  $2\frac{5}{9} \div \frac{2}{3} =$

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

8.  $3\frac{2}{3} \times \frac{1}{6} =$

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

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

## Multiplying and Dividing Proper and Mixed Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \frac{1}{3} \div 1\frac{1}{3} = \frac{1}{3} \div \frac{4}{3} = \frac{1}{3} \times \frac{3}{4} = \frac{3}{12} = \frac{1}{4}$$

$$2. \frac{2}{9} \div 1\frac{3}{4} = \frac{2}{9} \div \frac{7}{4} = \frac{2}{9} \times \frac{4}{7} = \frac{8}{63}$$

$$3. \frac{2}{5} \div 3\frac{3}{4} = \frac{2}{5} \div \frac{15}{4} = \frac{2}{5} \times \frac{4}{15} = \frac{8}{75}$$

$$4. \frac{1}{6} \div 1\frac{2}{3} = \frac{1}{6} \div \frac{5}{3} = \frac{1}{6} \times \frac{3}{5} = \frac{3}{30} = \frac{1}{10}$$

$$5. \frac{3}{4} \times 3\frac{3}{7} = \frac{3}{4} \times \frac{24}{7} = \frac{72}{28} = \frac{18}{7} = 2\frac{4}{7}$$

$$6. 2\frac{5}{9} \div \frac{2}{3} = \frac{23}{9} \div \frac{2}{3} = \frac{23}{9} \times \frac{3}{2} = \frac{69}{18} = \frac{23}{6} = 3\frac{5}{6}$$

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

$$8. 3\frac{2}{3} \times \frac{1}{6} = \frac{11}{3} \times \frac{1}{6} = \frac{11}{18}$$

$$9. \frac{2}{5} \times 3\frac{1}{2} = \frac{2}{5} \times \frac{7}{2} = \frac{14}{10} = \frac{7}{5} = 1\frac{2}{5}$$

$$10. 2\frac{2}{3} \times \frac{1}{2} = \frac{8}{3} \times \frac{1}{2} = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

## Multiplying and Dividing Proper and Mixed Fractions (G)

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

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

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

Calculate each result.

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

2.  $3\frac{8}{9} \div \frac{6}{7} =$

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

4.  $2\frac{1}{3} \div \frac{6}{7} =$

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

6.  $3\frac{1}{2} \div \frac{7}{8} =$

7.  $1\frac{3}{8} \div \frac{5}{7} =$

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

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

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

# Multiplying and Dividing Proper and Mixed Fractions (G) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{7}{9} \times \frac{1}{2} = \frac{34}{9} \times \frac{1}{2} = \frac{34}{18} = \frac{17}{9} = 1\frac{8}{9}$$

$$2. \quad 3\frac{8}{9} \div \frac{6}{7} = \frac{35}{9} \div \frac{6}{7} = \frac{35}{9} \times \frac{7}{6} = \frac{245}{54} = 4\frac{29}{54}$$

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

$$4. \quad 2\frac{1}{3} \div \frac{6}{7} = \frac{7}{3} \div \frac{6}{7} = \frac{7}{3} \times \frac{7}{6} = \frac{49}{18} = 2\frac{13}{18}$$

$$5. \quad 3\frac{5}{9} \times \frac{1}{7} = \frac{32}{9} \times \frac{1}{7} = \frac{32}{63}$$

$$6. \quad 3\frac{1}{2} \div \frac{7}{8} = \frac{7}{2} \div \frac{7}{8} = \frac{7}{2} \times \frac{8}{7} = \frac{56}{14} = 4$$

$$7. \quad 1\frac{3}{8} \div \frac{5}{7} = \frac{11}{8} \div \frac{5}{7} = \frac{11}{8} \times \frac{7}{5} = \frac{77}{40} = 1\frac{37}{40}$$

$$8. \quad 3\frac{8}{9} \times \frac{1}{4} = \frac{35}{9} \times \frac{1}{4} = \frac{35}{36}$$

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

$$10. \quad 2\frac{2}{5} \times \frac{1}{4} = \frac{12}{5} \times \frac{1}{4} = \frac{12}{20} = \frac{3}{5}$$

## Multiplying and Dividing Proper and Mixed Fractions (H)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

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

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

10.  $1\frac{3}{4} \div \frac{6}{7} =$

# Multiplying and Dividing Proper and Mixed Fractions (H) Answers

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

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

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

Calculate each result.

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

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

$$3. \quad 2\frac{3}{5} \times \frac{3}{7} = \frac{13}{5} \times \frac{3}{7} = \frac{39}{35} = 1\frac{4}{35}$$

$$4. \quad \frac{2}{3} \div 2\frac{2}{9} = \frac{2}{3} \div \frac{20}{9} = \frac{2}{3} \times \frac{9}{20} = \frac{18}{60} = \frac{3}{10}$$

$$5. \quad 3\frac{1}{2} \times \frac{5}{9} = \frac{7}{2} \times \frac{5}{9} = \frac{35}{18} = 1\frac{17}{18}$$

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

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

$$8. \quad 3\frac{1}{2} \div \frac{4}{5} = \frac{7}{2} \div \frac{4}{5} = \frac{7}{2} \times \frac{5}{4} = \frac{35}{8} = 4\frac{3}{8}$$

$$9. \quad \frac{2}{3} \div 3\frac{1}{4} = \frac{2}{3} \div \frac{13}{4} = \frac{2}{3} \times \frac{4}{13} = \frac{8}{39}$$

$$10. \quad 1\frac{3}{4} \div \frac{6}{7} = \frac{7}{4} \div \frac{6}{7} = \frac{7}{4} \times \frac{7}{6} = \frac{49}{24} = 2\frac{1}{24}$$



## Multiplying and Dividing Proper and Mixed Fractions (I)

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

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

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

Calculate each result.

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

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

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

4.  $\frac{3}{5} \div 3\frac{1}{8} =$

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

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

7.  $2\frac{1}{3} \div \frac{7}{8} =$

8.  $3\frac{5}{8} \times \frac{7}{8} =$

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

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

## Multiplying and Dividing Proper and Mixed Fractions (I) Answers

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

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

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

Calculate each result.

$$1. \frac{5}{9} \times 2\frac{2}{5} = \frac{5}{9} \times \frac{12}{5} = \frac{60}{45} = \frac{4}{3} = 1\frac{1}{3}$$

$$2. 2\frac{1}{3} \div \frac{4}{5} = \frac{7}{3} \div \frac{4}{5} = \frac{7}{3} \times \frac{5}{4} = \frac{35}{12} = 2\frac{11}{12}$$

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

$$4. \frac{3}{5} \div 3\frac{1}{8} = \frac{3}{5} \div \frac{25}{8} = \frac{3}{5} \times \frac{8}{25} = \frac{24}{125}$$

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

$$6. \frac{5}{9} \times 3\frac{1}{2} = \frac{5}{9} \times \frac{7}{2} = \frac{35}{18} = 1\frac{17}{18}$$

$$7. 2\frac{1}{3} \div \frac{7}{8} = \frac{7}{3} \div \frac{7}{8} = \frac{7}{3} \times \frac{8}{7} = \frac{56}{21} = \frac{8}{3} = 2\frac{2}{3}$$

$$8. 3\frac{5}{8} \times \frac{7}{8} = \frac{29}{8} \times \frac{7}{8} = \frac{203}{64} = 3\frac{11}{64}$$

$$9. 2\frac{1}{7} \times \frac{2}{3} = \frac{15}{7} \times \frac{2}{3} = \frac{30}{21} = \frac{10}{7} = 1\frac{3}{7}$$

$$10. \frac{2}{3} \times 2\frac{1}{3} = \frac{2}{3} \times \frac{7}{3} = \frac{14}{9} = 1\frac{5}{9}$$

## Multiplying and Dividing Proper and Mixed Fractions (J)

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

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

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

Calculate each result.

1.  $3\frac{1}{2} \times \frac{8}{9} =$

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

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

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

5.  $3\frac{1}{5} \div \frac{4}{5} =$

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

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

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

9.  $\frac{1}{2} \div 2\frac{5}{6} =$

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

## Multiplying and Dividing Proper and Mixed Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{1}{2} \times \frac{8}{9} = \frac{7}{2} \times \frac{8}{9} = \frac{56}{18} = \frac{28}{9} = 3\frac{1}{9}$$

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

$$3. \quad 3\frac{4}{9} \times \frac{1}{4} = \frac{31}{9} \times \frac{1}{4} = \frac{31}{36}$$

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

$$5. \quad 3\frac{1}{5} \div \frac{4}{5} = \frac{16}{5} \div \frac{4}{5} = \frac{16}{5} \times \frac{5}{4} = \frac{80}{20} = 4$$

$$6. \quad 3\frac{1}{2} \times \frac{1}{4} = \frac{7}{2} \times \frac{1}{4} = \frac{7}{8}$$

$$7. \quad \frac{1}{2} \times 2\frac{2}{3} = \frac{1}{2} \times \frac{8}{3} = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

$$8. \quad \frac{1}{5} \div 3\frac{1}{2} = \frac{1}{5} \div \frac{7}{2} = \frac{1}{5} \times \frac{2}{7} = \frac{2}{35}$$

$$9. \quad \frac{1}{2} \div 2\frac{5}{6} = \frac{1}{2} \div \frac{17}{6} = \frac{1}{2} \times \frac{6}{17} = \frac{6}{34} = \frac{3}{17}$$

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