

# Multiplying and Dividing Proper and Improper Fractions (A)

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

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

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

Calculate each result.

1.  $\frac{5}{2} \times \frac{1}{5} =$  \_\_\_\_\_  $=$  \_\_\_\_\_  
Result Simplify

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

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

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

5.  $\frac{3}{5} \div \frac{14}{5} =$  \_\_\_\_\_  $\times$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

6.  $\frac{3}{4} \div \frac{21}{8} =$  \_\_\_\_\_  $\times$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

7.  $\frac{1}{3} \div \frac{11}{9} =$  \_\_\_\_\_  $\times$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

8.  $\frac{11}{8} \times \frac{4}{9} =$  \_\_\_\_\_  $=$  \_\_\_\_\_

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

10.  $\frac{8}{7} \times \frac{5}{8} =$  \_\_\_\_\_  $=$  \_\_\_\_\_

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

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

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

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

Calculate each result.

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

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

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

$$4. \quad \frac{5}{8} \div \frac{3}{2} = \frac{5}{8} \times \frac{2}{3} = \frac{10}{24} = \frac{5}{12}$$

$$5. \quad \frac{3}{5} \div \frac{14}{5} = \frac{3}{5} \times \frac{5}{14} = \frac{15}{70} = \frac{3}{14}$$

$$6. \quad \frac{3}{4} \div \frac{21}{8} = \frac{3}{4} \times \frac{8}{21} = \frac{24}{84} = \frac{2}{7}$$

$$7. \quad \frac{1}{3} \div \frac{11}{9} = \frac{1}{3} \times \frac{9}{11} = \frac{9}{33} = \frac{3}{11}$$

$$8. \quad \frac{11}{8} \times \frac{4}{9} = \frac{44}{72} = \frac{11}{18}$$

$$9. \quad \frac{5}{4} \times \frac{2}{7} = \frac{10}{28} = \frac{5}{14}$$

$$10. \quad \frac{8}{7} \times \frac{5}{8} = \frac{40}{56} = \frac{5}{7}$$

# Multiplying and Dividing Proper and Improper Fractions (B)

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

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

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

Calculate each result.

1.  $\frac{1}{2} \div \frac{13}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

3.  $\frac{1}{9} \div \frac{17}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

7.  $\frac{1}{2} \div \frac{17}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

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

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

Calculate each result.

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

$$2. \quad \frac{3}{8} \times \frac{7}{3} = \frac{21}{24} = \frac{7}{8}$$

$$3. \quad \frac{1}{9} \div \frac{17}{9} = \frac{1}{9} \times \frac{9}{17} = \frac{9}{153} = \frac{1}{17}$$

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

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

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

$$7. \quad \frac{1}{2} \div \frac{17}{8} = \frac{1}{2} \times \frac{8}{17} = \frac{8}{34} = \frac{4}{17}$$

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

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

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

# Multiplying and Dividing Proper and Improper Fractions (C)

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

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

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

Calculate each result.

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

2.  $\frac{5}{7} \div \frac{18}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

6.  $\frac{4}{9} \div \frac{14}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{2}{5} \div \frac{16}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

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

Calculate each result.

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

$$2. \quad \frac{5}{7} \div \frac{18}{7} = \frac{5}{7} \times \frac{7}{18} = \frac{35}{126} = \frac{5}{18}$$

$$3. \quad \frac{1}{4} \div \frac{7}{6} = \frac{1}{4} \times \frac{6}{7} = \frac{6}{28} = \frac{3}{14}$$

$$4. \quad \frac{5}{4} \times \frac{1}{5} = \frac{5}{20} = \frac{1}{4}$$

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

$$6. \quad \frac{4}{9} \div \frac{14}{5} = \frac{4}{9} \times \frac{5}{14} = \frac{20}{126} = \frac{10}{63}$$

$$7. \quad \frac{2}{5} \div \frac{16}{9} = \frac{2}{5} \times \frac{9}{16} = \frac{18}{80} = \frac{9}{40}$$

$$8. \quad \frac{5}{7} \times \frac{7}{6} = \frac{35}{42} = \frac{5}{6}$$

$$9. \quad \frac{1}{4} \times \frac{4}{3} = \frac{4}{12} = \frac{1}{3}$$

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

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

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

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

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

Calculate each result.

1.  $\frac{7}{8} \div \frac{11}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

3.  $\frac{7}{8} \div \frac{14}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

4.  $\frac{1}{4} \div \frac{23}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

10.  $\frac{3}{4} \div \frac{13}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

Calculate each result.

$$1. \quad \frac{7}{8} \div \frac{11}{4} = \frac{7}{8} \times \frac{4}{11} = \frac{28}{88} = \frac{7}{22}$$

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

$$3. \quad \frac{7}{8} \div \frac{14}{9} = \frac{7}{8} \times \frac{9}{14} = \frac{63}{112} = \frac{9}{16}$$

$$4. \quad \frac{1}{4} \div \frac{23}{8} = \frac{1}{4} \times \frac{8}{23} = \frac{8}{92} = \frac{2}{23}$$

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

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

$$7. \quad \frac{4}{7} \times \frac{3}{2} = \frac{12}{14} = \frac{6}{7}$$

$$8. \quad \frac{1}{2} \times \frac{10}{9} = \frac{10}{18} = \frac{5}{9}$$

$$9. \quad \frac{3}{4} \times \frac{6}{5} = \frac{18}{20} = \frac{9}{10}$$

$$10. \quad \frac{3}{4} \div \frac{13}{8} = \frac{3}{4} \times \frac{8}{13} = \frac{24}{52} = \frac{6}{13}$$



# Multiplying and Dividing Proper and Improper Fractions (E)

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

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

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

Calculate each result.

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

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

3.  $\frac{3}{5} \times \frac{14}{9} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

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

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

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

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

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

Calculate each result.

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

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

$$3. \quad \frac{3}{5} \times \frac{14}{9} = \frac{42}{45} = \frac{14}{15}$$

$$4. \quad \frac{2}{5} \times \frac{3}{2} = \frac{6}{10} = \frac{3}{5}$$

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

$$6. \quad \frac{8}{5} \times \frac{1}{4} = \frac{8}{20} = \frac{2}{5}$$

$$7. \quad \frac{7}{4} \times \frac{2}{5} = \frac{14}{20} = \frac{7}{10}$$

$$8. \quad \frac{3}{4} \div \frac{9}{7} = \frac{3}{4} \times \frac{7}{9} = \frac{21}{36} = \frac{7}{12}$$

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

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

# Multiplying and Dividing Proper and Improper Fractions (F)

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

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

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

Calculate each result.

1.  $\frac{3}{8} \times \frac{11}{9} = \underline{\quad} = \underline{\quad}$

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

3.  $\frac{4}{7} \times \frac{9}{8} = \underline{\quad} = \underline{\quad}$

4.  $\frac{19}{8} \times \frac{2}{7} = \underline{\quad} = \underline{\quad}$

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

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

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

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

9.  $\frac{4}{9} \div \frac{26}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{1}{6} \div \frac{17}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

Calculate each result.

$$1. \quad \frac{3}{8} \times \frac{11}{9} = \frac{33}{72} = \frac{11}{24}$$

$$2. \quad \frac{5}{4} \times \frac{2}{3} = \frac{10}{12} = \frac{5}{6}$$

$$3. \quad \frac{4}{7} \times \frac{9}{8} = \frac{36}{56} = \frac{9}{14}$$

$$4. \quad \frac{19}{8} \times \frac{2}{7} = \frac{38}{56} = \frac{19}{28}$$

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

$$6. \quad \frac{1}{8} \div \frac{5}{2} = \frac{1}{8} \times \frac{2}{5} = \frac{2}{40} = \frac{1}{20}$$

$$7. \quad \frac{3}{4} \div \frac{9}{8} = \frac{3}{4} \times \frac{8}{9} = \frac{24}{36} = \frac{2}{3}$$

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

$$9. \quad \frac{4}{9} \div \frac{26}{9} = \frac{4}{9} \times \frac{9}{26} = \frac{36}{234} = \frac{2}{13}$$

$$10. \quad \frac{1}{6} \div \frac{17}{8} = \frac{1}{6} \times \frac{8}{17} = \frac{8}{102} = \frac{4}{51}$$

# Multiplying and Dividing Proper and Improper Fractions (G)

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

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

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

Calculate each result.

1.  $\frac{16}{9} \times \frac{1}{4} = \underline{\quad} = \underline{\quad}$

2.  $\frac{4}{7} \times \frac{11}{8} = \underline{\quad} = \underline{\quad}$

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

4.  $\frac{1}{2} \div \frac{17}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{11}{9} \times \frac{3}{5} = \underline{\quad} = \underline{\quad}$

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

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

8.  $\frac{5}{6} \div \frac{21}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

Calculate each result.

$$1. \frac{16}{9} \times \frac{1}{4} = \frac{16}{36} = \frac{4}{9}$$

$$2. \frac{4}{7} \times \frac{11}{8} = \frac{44}{56} = \frac{11}{14}$$

$$3. \frac{5}{2} \times \frac{2}{9} = \frac{10}{18} = \frac{5}{9}$$

$$4. \frac{1}{2} \div \frac{17}{8} = \frac{1}{2} \times \frac{8}{17} = \frac{8}{34} = \frac{4}{17}$$

$$5. \frac{11}{9} \times \frac{3}{5} = \frac{33}{45} = \frac{11}{15}$$

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

$$7. \frac{4}{5} \div \frac{4}{3} = \frac{4}{5} \times \frac{3}{4} = \frac{12}{20} = \frac{3}{5}$$

$$8. \frac{5}{6} \div \frac{21}{8} = \frac{5}{6} \times \frac{8}{21} = \frac{40}{126} = \frac{20}{63}$$

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

$$10. \frac{1}{9} \div \frac{7}{3} = \frac{1}{9} \times \frac{3}{7} = \frac{3}{63} = \frac{1}{21}$$

# Multiplying and Dividing Proper and Improper Fractions (H)

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

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

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

Calculate each result.

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

2.  $\frac{1}{8} \div \frac{9}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

5.  $\frac{15}{7} \times \frac{4}{9} = \text{---} = \text{---}$

6.  $\frac{6}{7} \div \frac{22}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

10.  $\frac{16}{9} \times \frac{1}{2} = \text{---} = \text{---}$

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

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

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

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

Calculate each result.

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

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

$$3. \quad \frac{3}{7} \div \frac{9}{7} = \frac{3}{7} \times \frac{7}{9} = \frac{21}{63} = \frac{1}{3}$$

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

$$5. \quad \frac{15}{7} \times \frac{4}{9} = \frac{60}{63} = \frac{20}{21}$$

$$6. \quad \frac{6}{7} \div \frac{22}{9} = \frac{6}{7} \times \frac{9}{22} = \frac{54}{154} = \frac{27}{77}$$

$$7. \quad \frac{1}{2} \times \frac{8}{7} = \frac{8}{14} = \frac{4}{7}$$

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

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

$$10. \quad \frac{16}{9} \times \frac{1}{2} = \frac{16}{18} = \frac{8}{9}$$



# Multiplying and Dividing Proper and Improper Fractions (I)

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

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

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

Calculate each result.

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

2.  $\frac{6}{7} \div \frac{21}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

4.  $\frac{2}{5} \times \frac{13}{6} = \underline{\quad} = \underline{\quad}$

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

6.  $\frac{1}{2} \div \frac{13}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

8.  $\frac{5}{9} \div \frac{13}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

Calculate each result.

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

$$2. \quad \frac{6}{7} \div \frac{21}{8} = \frac{6}{7} \times \frac{8}{21} = \frac{48}{147} = \frac{16}{49}$$

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

$$4. \quad \frac{2}{5} \times \frac{13}{6} = \frac{26}{30} = \frac{13}{15}$$

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

$$6. \quad \frac{1}{2} \div \frac{13}{8} = \frac{1}{2} \times \frac{8}{13} = \frac{8}{26} = \frac{4}{13}$$

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

$$8. \quad \frac{5}{9} \div \frac{13}{9} = \frac{5}{9} \times \frac{9}{13} = \frac{45}{117} = \frac{5}{13}$$

$$9. \quad \frac{5}{4} \times \frac{2}{3} = \frac{10}{12} = \frac{5}{6}$$

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

# Multiplying and Dividing Proper and Improper Fractions (J)

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

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

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

Calculate each result.

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

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

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

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

5.  $\frac{1}{4} \times \frac{14}{5} = \text{---} = \text{---}$

6.  $\frac{8}{9} \div \frac{17}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

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

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

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

Calculate each result.

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

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

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

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

$$5. \quad \frac{1}{4} \times \frac{14}{5} = \frac{14}{20} = \frac{7}{10}$$

$$6. \quad \frac{8}{9} \div \frac{17}{6} = \frac{8}{9} \times \frac{6}{17} = \frac{48}{153} = \frac{16}{51}$$

$$7. \quad \frac{1}{7} \times \frac{7}{5} = \frac{7}{35} = \frac{1}{5}$$

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

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

$$10. \quad \frac{1}{4} \times \frac{8}{5} = \frac{8}{20} = \frac{2}{5}$$