

# Multiplying and Dividing Proper and Improper Fractions (A)

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

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

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

Calculate each result.

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

Inversion                      Result              Simplify

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

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

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

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

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

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

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

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

$$10. \quad \frac{3}{4} \div \frac{13}{5} = \text{---} \times \text{---} = \text{---}$$

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

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

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

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

Calculate each result.

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

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

$$3. \quad \frac{1}{8} \times \frac{3}{2} = \frac{3}{16}$$

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

$$5. \quad \frac{5}{4} \times \frac{1}{4} = \frac{5}{16}$$

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

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

$$8. \quad \frac{5}{8} \div \frac{5}{3} = \frac{5}{8} \times \frac{3}{5} = \frac{15}{40} = \frac{3}{8}$$

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

$$10. \quad \frac{3}{4} \div \frac{13}{5} = \frac{3}{4} \times \frac{5}{13} = \frac{15}{52}$$

# Multiplying and Dividing Proper and Improper Fractions (B)

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

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

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

Calculate each result.

1.  $\frac{8}{9} \div \frac{8}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{13}{9} \times \frac{1}{3} = \text{---}$

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

4.  $\frac{2}{9} \div \frac{11}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

6.  $\frac{23}{9} \times \frac{1}{3} = \text{---}$

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

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

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

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

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

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

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

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

Calculate each result.

$$1. \quad \frac{8}{9} \div \frac{8}{5} = \frac{8}{9} \times \frac{5}{8} = \frac{40}{72} = \frac{5}{9}$$

$$2. \quad \frac{13}{9} \times \frac{1}{3} = \frac{13}{27}$$

$$3. \quad \frac{1}{9} \times \frac{7}{3} = \frac{7}{27}$$

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

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

$$6. \quad \frac{23}{9} \times \frac{1}{3} = \frac{23}{27}$$

$$7. \quad \frac{1}{4} \times \frac{9}{4} = \frac{9}{16}$$

$$8. \quad \frac{2}{5} \div \frac{4}{3} = \frac{2}{5} \times \frac{3}{4} = \frac{6}{20} = \frac{3}{10}$$

$$9. \quad \frac{1}{8} \div \frac{4}{3} = \frac{1}{8} \times \frac{3}{4} = \frac{3}{32}$$

$$10. \quad \frac{1}{6} \times \frac{5}{2} = \frac{5}{12}$$

# Multiplying and Dividing Proper and Improper Fractions (C)

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

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

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

Calculate each result.

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

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

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

4.  $\frac{21}{8} \times \frac{1}{4} = \text{---}$

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

6.  $\frac{5}{7} \div \frac{19}{9} = \text{---} \times \text{---} = \text{---}$

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

8.  $\frac{3}{7} \times \frac{15}{7} = \text{---}$

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

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

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

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

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

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

Calculate each result.

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

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

$$3. \quad \frac{1}{3} \div \frac{8}{5} = \frac{1}{3} \times \frac{5}{8} = \frac{5}{24}$$

$$4. \quad \frac{21}{8} \times \frac{1}{4} = \frac{21}{32}$$

$$5. \quad \frac{5}{9} \div \frac{3}{2} = \frac{5}{9} \times \frac{2}{3} = \frac{10}{27}$$

$$6. \quad \frac{5}{7} \div \frac{19}{9} = \frac{5}{7} \times \frac{9}{19} = \frac{45}{133}$$

$$7. \quad \frac{3}{7} \times \frac{5}{3} = \frac{15}{21} = \frac{5}{7}$$

$$8. \quad \frac{3}{7} \times \frac{15}{7} = \frac{45}{49}$$

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

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

# Multiplying and Dividing Proper and Improper Fractions (D)

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

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

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

Calculate each result.

1.  $\frac{1}{7} \div \frac{22}{9} = \text{---} \times \text{---} = \text{---}$

2.  $\frac{2}{7} \times \frac{13}{5} = \text{---}$

3.  $\frac{1}{8} \times \frac{13}{6} = \text{---}$

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

5.  $\frac{2}{3} \div \frac{12}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $\frac{11}{8} \times \frac{1}{3} = \text{---}$

7.  $\frac{2}{3} \div \frac{19}{7} = \text{---} \times \text{---} = \text{---}$

8.  $\frac{11}{5} \times \frac{3}{8} = \text{---}$

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

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

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

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

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

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

Calculate each result.

$$1. \frac{1}{7} \div \frac{22}{9} = \frac{1}{7} \times \frac{9}{22} = \frac{9}{154}$$

$$2. \frac{2}{7} \times \frac{13}{5} = \frac{26}{35}$$

$$3. \frac{1}{8} \times \frac{13}{6} = \frac{13}{48}$$

$$4. \frac{6}{7} \div \frac{8}{5} = \frac{6}{7} \times \frac{5}{8} = \frac{30}{56} = \frac{15}{28}$$

$$5. \frac{2}{3} \div \frac{12}{5} = \frac{2}{3} \times \frac{5}{12} = \frac{10}{36} = \frac{5}{18}$$

$$6. \frac{11}{8} \times \frac{1}{3} = \frac{11}{24}$$

$$7. \frac{2}{3} \div \frac{19}{7} = \frac{2}{3} \times \frac{7}{19} = \frac{14}{57}$$

$$8. \frac{11}{5} \times \frac{3}{8} = \frac{33}{40}$$

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

$$10. \frac{2}{5} \times \frac{7}{3} = \frac{14}{15}$$



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

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

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

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

Calculate each result.

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

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

3.  $\frac{2}{3} \div \frac{17}{7} = \text{---} \times \text{---} = \text{---}$

4.  $\frac{2}{3} \div \frac{15}{8} = \text{---} \times \text{---} = \text{---}$

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

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

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

8.  $\frac{1}{3} \div \frac{13}{5} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

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

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

Calculate each result.

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

$$2. \quad \frac{4}{7} \times \frac{4}{3} = \frac{16}{21}$$

$$3. \quad \frac{2}{3} \div \frac{17}{7} = \frac{2}{3} \times \frac{7}{17} = \frac{14}{51}$$

$$4. \quad \frac{2}{3} \div \frac{15}{8} = \frac{2}{3} \times \frac{8}{15} = \frac{16}{45}$$

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

$$6. \quad \frac{3}{8} \times \frac{3}{2} = \frac{9}{16}$$

$$7. \quad \frac{16}{9} \times \frac{1}{2} = \frac{16}{18} = \frac{8}{9}$$

$$8. \quad \frac{1}{3} \div \frac{13}{5} = \frac{1}{3} \times \frac{5}{13} = \frac{5}{39}$$

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

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

# Multiplying and Dividing Proper and Improper Fractions (F)

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

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

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

Calculate each result.

1.  $\frac{12}{5} \times \frac{1}{4} = \underline{\quad} = \underline{\quad}$

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

3.  $\frac{1}{2} \div \frac{12}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

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

8.  $\frac{1}{5} \div \frac{22}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

Calculate each result.

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

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

$$3. \frac{1}{2} \div \frac{12}{7} = \frac{1}{2} \times \frac{7}{12} = \frac{7}{24}$$

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

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

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

$$7. \frac{1}{3} \times \frac{8}{3} = \frac{8}{9}$$

$$8. \frac{1}{5} \div \frac{22}{9} = \frac{1}{5} \times \frac{9}{22} = \frac{9}{110}$$

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

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

# Multiplying and Dividing Proper and Improper Fractions (G)

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

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

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

Calculate each result.

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

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

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

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

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

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

7.  $\frac{7}{9} \div \frac{13}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{14}{5} \times \frac{1}{3} = \underline{\quad}$

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

10.  $\frac{3}{7} \div \frac{25}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

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

Calculate each result.

$$1. \quad \frac{5}{4} \times \frac{3}{5} = \frac{15}{20} = \frac{3}{4}$$

$$2. \quad \frac{2}{7} \div \frac{4}{3} = \frac{2}{7} \times \frac{3}{4} = \frac{6}{28} = \frac{3}{14}$$

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

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

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

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

$$7. \quad \frac{7}{9} \div \frac{13}{9} = \frac{7}{9} \times \frac{9}{13} = \frac{63}{117} = \frac{7}{13}$$

$$8. \quad \frac{14}{5} \times \frac{1}{3} = \frac{14}{15}$$

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

$$10. \quad \frac{3}{7} \div \frac{25}{9} = \frac{3}{7} \times \frac{9}{25} = \frac{27}{175}$$

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

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

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

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

Calculate each result.

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

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

3.  $\frac{1}{3} \div \frac{21}{8} = \text{---} \times \text{---} = \text{---}$

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

5.  $\frac{1}{3} \times \frac{11}{4} = \text{---}$

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

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

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

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

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

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

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

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

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

Calculate each result.

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

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

$$3. \quad \frac{1}{3} \div \frac{21}{8} = \frac{1}{3} \times \frac{8}{21} = \frac{8}{63}$$

$$4. \quad \frac{3}{4} \times \frac{9}{8} = \frac{27}{32}$$

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

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

$$7. \quad \frac{3}{4} \div \frac{8}{3} = \frac{3}{4} \times \frac{3}{8} = \frac{9}{32}$$

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

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

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



# Multiplying and Dividing Proper and Improper Fractions (I)

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

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

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

Calculate each result.

1.  $\frac{20}{7} \times \frac{1}{5} = \text{---} = \text{---}$

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

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

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

5.  $\frac{11}{5} \times \frac{1}{3} = \text{---}$

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

7.  $\frac{19}{8} \times \frac{1}{5} = \text{---}$

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

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

10.  $\frac{3}{4} \div \frac{13}{5} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

Calculate each result.

$$1. \quad \frac{20}{7} \times \frac{1}{5} = \frac{20}{35} = \frac{4}{7}$$

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

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

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

$$5. \quad \frac{11}{5} \times \frac{1}{3} = \frac{11}{15}$$

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

$$7. \quad \frac{19}{8} \times \frac{1}{5} = \frac{19}{40}$$

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

$$9. \quad \frac{1}{4} \div \frac{8}{5} = \frac{1}{4} \times \frac{5}{8} = \frac{5}{32}$$

$$10. \quad \frac{3}{4} \div \frac{13}{5} = \frac{3}{4} \times \frac{5}{13} = \frac{15}{52}$$

# Multiplying and Dividing Proper and Improper Fractions (J)

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

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

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

Calculate each result.

1.  $\frac{1}{4} \times \frac{20}{9} = \underline{\quad} = \underline{\quad}$

2.  $\frac{1}{2} \div \frac{13}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

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

10.  $\frac{1}{3} \div \frac{13}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

Calculate each result.

$$1. \quad \frac{1}{4} \times \frac{20}{9} = \frac{20}{36} = \frac{5}{9}$$

$$2. \quad \frac{1}{2} \div \frac{13}{9} = \frac{1}{2} \times \frac{9}{13} = \frac{9}{26}$$

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

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

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

$$6. \quad \frac{1}{2} \div \frac{17}{8} = \frac{1}{2} \times \frac{8}{17} = \frac{8}{34} = \frac{4}{17}$$

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

$$8. \quad \frac{6}{5} \times \frac{4}{5} = \frac{24}{25}$$

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

$$10. \quad \frac{1}{3} \div \frac{13}{9} = \frac{1}{3} \times \frac{9}{13} = \frac{9}{39} = \frac{3}{13}$$