

# Multiplying and Dividing Improper Fractions (A)

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

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

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

Calculate each result.

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

Inversion                      Result                      Convert ↓

$$2. \quad \frac{11}{8} \div \frac{9}{5} = \text{---} \times \text{---} = \text{---}$$

$$3. \quad \frac{8}{5} \div \frac{17}{6} = \text{---} \times \text{---} = \text{---}$$

$$4. \quad \frac{6}{5} \times \frac{12}{5} = \text{---} = \text{---}$$

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

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

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

$$8. \quad \frac{21}{8} \times \frac{3}{2} = \text{---} = \text{---}$$

$$9. \quad \frac{13}{7} \times \frac{16}{9} = \text{---} = \text{---}$$

$$10. \quad \frac{10}{9} \times \frac{10}{9} = \text{---} = \text{---}$$

## Multiplying and Dividing Improper Fractions (A) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{4}{3} \div \frac{5}{4} = \frac{4}{3} \times \frac{4}{5} = \frac{16}{15} = 1\frac{1}{15}$$

$$2. \quad \frac{11}{8} \div \frac{9}{5} = \frac{11}{8} \times \frac{5}{9} = \frac{55}{72}$$

$$3. \quad \frac{8}{5} \div \frac{17}{6} = \frac{8}{5} \times \frac{6}{17} = \frac{48}{85}$$

$$4. \quad \frac{6}{5} \times \frac{12}{5} = \frac{72}{25} = 2\frac{22}{25}$$

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

$$6. \quad \frac{3}{2} \times \frac{5}{4} = \frac{15}{8} = 1\frac{7}{8}$$

$$7. \quad \frac{3}{2} \div \frac{8}{3} = \frac{3}{2} \times \frac{3}{8} = \frac{9}{16}$$

$$8. \quad \frac{21}{8} \times \frac{3}{2} = \frac{63}{16} = 3\frac{15}{16}$$

$$9. \quad \frac{13}{7} \times \frac{16}{9} = \frac{208}{63} = 3\frac{19}{63}$$

$$10. \quad \frac{10}{9} \times \frac{10}{9} = \frac{100}{81} = 1\frac{19}{81}$$

## Multiplying and Dividing Improper Fractions (B)

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

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

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

Calculate each result.

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

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

3.  $\frac{11}{5} \times \frac{3}{2} = \text{---} = \text{---}$

4.  $\frac{3}{2} \div \frac{25}{9} = \text{---} \times \text{---} = \text{---}$

5.  $\frac{7}{3} \times \frac{16}{9} = \text{---} = \text{---}$

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

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

8.  $\frac{19}{8} \times \frac{5}{4} = \text{---} = \text{---}$

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

10.  $\frac{4}{3} \times \frac{14}{5} = \text{---} = \text{---}$

## Multiplying and Dividing Improper Fractions (B) Answers

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

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

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

Calculate each result.

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

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

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

$$4. \quad \frac{3}{2} \div \frac{25}{9} = \frac{3}{2} \times \frac{9}{25} = \frac{27}{50}$$

$$5. \quad \frac{7}{3} \times \frac{16}{9} = \frac{112}{27} = 4\frac{4}{27}$$

$$6. \quad \frac{8}{5} \div \frac{7}{4} = \frac{8}{5} \times \frac{4}{7} = \frac{32}{35}$$

$$7. \quad \frac{7}{4} \times \frac{3}{2} = \frac{21}{8} = 2\frac{5}{8}$$

$$8. \quad \frac{19}{8} \times \frac{5}{4} = \frac{95}{32} = 2\frac{31}{32}$$

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

$$10. \quad \frac{4}{3} \times \frac{14}{5} = \frac{56}{15} = 3\frac{11}{15}$$

## Multiplying and Dividing Improper Fractions (C)

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

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

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

Calculate each result.

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

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

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

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

5.  $\frac{7}{5} \div \frac{22}{9} = \text{---} \times \text{---} = \text{---}$

6.  $\frac{11}{9} \div \frac{16}{7} = \text{---} \times \text{---} = \text{---}$

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

8.  $\frac{4}{3} \times \frac{19}{7} = \text{---} = \text{---}$

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

10.  $\frac{7}{4} \times \frac{5}{2} = \text{---} = \text{---}$

## Multiplying and Dividing Improper Fractions (C) Answers

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

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

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

Calculate each result.

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

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

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

$$4. \quad \frac{4}{3} \times \frac{8}{3} = \frac{32}{9} = 3\frac{5}{9}$$

$$5. \quad \frac{7}{5} \div \frac{22}{9} = \frac{7}{5} \times \frac{9}{22} = \frac{63}{110}$$

$$6. \quad \frac{11}{9} \div \frac{16}{7} = \frac{11}{9} \times \frac{7}{16} = \frac{77}{144}$$

$$7. \quad \frac{5}{2} \div \frac{8}{3} = \frac{5}{2} \times \frac{3}{8} = \frac{15}{16}$$

$$8. \quad \frac{4}{3} \times \frac{19}{7} = \frac{76}{21} = 3\frac{13}{21}$$

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

$$10. \quad \frac{7}{4} \times \frac{5}{2} = \frac{35}{8} = 4\frac{3}{8}$$

# Multiplying and Dividing Improper Fractions (D)

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

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

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

Calculate each result.

1.  $\frac{11}{7} \times \frac{9}{7} = \underline{\quad} = \underline{\quad}$

2.  $\frac{7}{3} \times \frac{11}{9} = \underline{\quad} = \underline{\quad}$

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

4.  $\frac{17}{9} \times \frac{7}{3} = \underline{\quad} = \underline{\quad}$

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

6.  $\frac{17}{7} \times \frac{4}{3} = \underline{\quad} = \underline{\quad}$

7.  $\frac{7}{3} \div \frac{13}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

9.  $\frac{11}{5} \div \frac{3}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{7}{5} \div \frac{11}{6} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Improper Fractions (D) Answers

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

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

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

Calculate each result.

$$1. \frac{11}{7} \times \frac{9}{7} = \frac{99}{49} = 2\frac{1}{49}$$

$$2. \frac{7}{3} \times \frac{11}{9} = \frac{77}{27} = 2\frac{23}{27}$$

$$3. \frac{5}{2} \times \frac{9}{8} = \frac{45}{16} = 2\frac{13}{16}$$

$$4. \frac{17}{9} \times \frac{7}{3} = \frac{119}{27} = 4\frac{11}{27}$$

$$5. \frac{13}{8} \div \frac{8}{3} = \frac{13}{8} \times \frac{3}{8} = \frac{39}{64}$$

$$6. \frac{17}{7} \times \frac{4}{3} = \frac{68}{21} = 3\frac{5}{21}$$

$$7. \frac{7}{3} \div \frac{13}{8} = \frac{7}{3} \times \frac{8}{13} = \frac{56}{39} = 1\frac{17}{39}$$

$$8. \frac{5}{2} \div \frac{6}{5} = \frac{5}{2} \times \frac{5}{6} = \frac{25}{12} = 2\frac{1}{12}$$

$$9. \frac{11}{5} \div \frac{3}{2} = \frac{11}{5} \times \frac{2}{3} = \frac{22}{15} = 1\frac{7}{15}$$

$$10. \frac{7}{5} \div \frac{11}{6} = \frac{7}{5} \times \frac{6}{11} = \frac{42}{55}$$



# Multiplying and Dividing Improper Fractions (E)

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

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

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

Calculate each result.

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

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

3.  $\frac{11}{4} \times \frac{3}{2} = \text{---} = \text{---}$

4.  $\frac{26}{9} \div \frac{17}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $\frac{8}{3} \times \frac{10}{7} = \text{---} = \text{---}$

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

7.  $\frac{19}{7} \div \frac{9}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

10.  $\frac{17}{8} \times \frac{11}{8} = \text{---} = \text{---}$

## Multiplying and Dividing Improper Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{8}{3} \div \frac{5}{2} = \frac{8}{3} \times \frac{2}{5} = \frac{16}{15} = 1\frac{1}{15}$$

$$2. \quad \frac{7}{5} \div \frac{5}{2} = \frac{7}{5} \times \frac{2}{5} = \frac{14}{25}$$

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

$$4. \quad \frac{26}{9} \div \frac{17}{7} = \frac{26}{9} \times \frac{7}{17} = \frac{182}{153} = 1\frac{29}{153}$$

$$5. \quad \frac{8}{3} \times \frac{10}{7} = \frac{80}{21} = 3\frac{17}{21}$$

$$6. \quad \frac{3}{2} \times \frac{9}{8} = \frac{27}{16} = 1\frac{11}{16}$$

$$7. \quad \frac{19}{7} \div \frac{9}{4} = \frac{19}{7} \times \frac{4}{9} = \frac{76}{63} = 1\frac{13}{63}$$

$$8. \quad \frac{4}{3} \times \frac{8}{3} = \frac{32}{9} = 3\frac{5}{9}$$

$$9. \quad \frac{4}{3} \div \frac{15}{8} = \frac{4}{3} \times \frac{8}{15} = \frac{32}{45}$$

$$10. \quad \frac{17}{8} \times \frac{11}{8} = \frac{187}{64} = 2\frac{59}{64}$$

## Multiplying and Dividing Improper Fractions (F)

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

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

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

Calculate each result.

1.  $\frac{23}{9} \div \frac{8}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{7}{4} \times \frac{17}{9} = \text{---} = \text{---}$

3.  $\frac{5}{4} \div \frac{19}{7} = \text{---} \times \text{---} = \text{---}$

4.  $\frac{14}{5} \div \frac{5}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

6.  $\frac{9}{8} \div \frac{5}{3} = \text{---} \times \text{---} = \text{---}$

7.  $\frac{23}{9} \div \frac{12}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

## Multiplying and Dividing Improper Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{23}{9} \div \frac{8}{5} = \frac{23}{9} \times \frac{5}{8} = \frac{115}{72} = 1\frac{43}{72}$$

$$2. \quad \frac{7}{4} \times \frac{17}{9} = \frac{119}{36} = 3\frac{11}{36}$$

$$3. \quad \frac{5}{4} \div \frac{19}{7} = \frac{5}{4} \times \frac{7}{19} = \frac{35}{76}$$

$$4. \quad \frac{14}{5} \div \frac{5}{3} = \frac{14}{5} \times \frac{3}{5} = \frac{42}{25} = 1\frac{17}{25}$$

$$5. \quad \frac{8}{5} \times \frac{8}{3} = \frac{64}{15} = 4\frac{4}{15}$$

$$6. \quad \frac{9}{8} \div \frac{5}{3} = \frac{9}{8} \times \frac{3}{5} = \frac{27}{40}$$

$$7. \quad \frac{23}{9} \div \frac{12}{5} = \frac{23}{9} \times \frac{5}{12} = \frac{115}{108} = 1\frac{7}{108}$$

$$8. \quad \frac{3}{2} \times \frac{7}{4} = \frac{21}{8} = 2\frac{5}{8}$$

$$9. \quad \frac{4}{3} \times \frac{7}{3} = \frac{28}{9} = 3\frac{1}{9}$$

$$10. \quad \frac{3}{2} \times \frac{3}{2} = \frac{9}{4} = 2\frac{1}{4}$$

## Multiplying and Dividing Improper Fractions (G)

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

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

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

Calculate each result.

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

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

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

4.  $\frac{23}{9} \times \frac{7}{6} = \underline{\quad} = \underline{\quad}$

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

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

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

8.  $\frac{8}{7} \times \frac{23}{9} = \underline{\quad} = \underline{\quad}$

9.  $\frac{11}{5} \div \frac{26}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

10.  $\frac{15}{8} \div \frac{7}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Improper Fractions (G) Answers

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

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

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

Calculate each result.

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

$$2. \quad \frac{5}{2} \div \frac{13}{5} = \frac{5}{2} \times \frac{5}{13} = \frac{25}{26}$$

$$3. \quad \frac{4}{3} \times \frac{4}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$4. \quad \frac{23}{9} \times \frac{7}{6} = \frac{161}{54} = 2\frac{53}{54}$$

$$5. \quad \frac{8}{7} \div \frac{3}{2} = \frac{8}{7} \times \frac{2}{3} = \frac{16}{21}$$

$$6. \quad \frac{7}{3} \times \frac{5}{3} = \frac{35}{9} = 3\frac{8}{9}$$

$$7. \quad \frac{9}{7} \div \frac{5}{4} = \frac{9}{7} \times \frac{4}{5} = \frac{36}{35} = 1\frac{1}{35}$$

$$8. \quad \frac{8}{7} \times \frac{23}{9} = \frac{184}{63} = 2\frac{58}{63}$$

$$9. \quad \frac{11}{5} \div \frac{26}{9} = \frac{11}{5} \times \frac{9}{26} = \frac{99}{130}$$

$$10. \quad \frac{15}{8} \div \frac{7}{3} = \frac{15}{8} \times \frac{3}{7} = \frac{45}{56}$$

# Multiplying and Dividing Improper Fractions (H)

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

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

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

Calculate each result.

1.  $\frac{9}{5} \times \frac{8}{7} = \underline{\quad} = \underline{\quad}$

2.  $\frac{12}{5} \div \frac{5}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

4.  $\frac{12}{5} \div \frac{11}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{8}{7} \div \frac{25}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

7.  $\frac{13}{6} \div \frac{6}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

9.  $\frac{8}{7} \times \frac{13}{5} = \underline{\quad} = \underline{\quad}$

10.  $\frac{4}{3} \times \frac{23}{9} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Improper Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{9}{5} \times \frac{8}{7} = \frac{72}{35} = 2\frac{2}{35}$$

$$2. \quad \frac{12}{5} \div \frac{5}{2} = \frac{12}{5} \times \frac{2}{5} = \frac{24}{25}$$

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

$$4. \quad \frac{12}{5} \div \frac{11}{9} = \frac{12}{5} \times \frac{9}{11} = \frac{108}{55} = 1\frac{53}{55}$$

$$5. \quad \frac{8}{7} \div \frac{25}{9} = \frac{8}{7} \times \frac{9}{25} = \frac{72}{175}$$

$$6. \quad \frac{13}{5} \div \frac{5}{2} = \frac{13}{5} \times \frac{2}{5} = \frac{26}{25} = 1\frac{1}{25}$$

$$7. \quad \frac{13}{6} \div \frac{6}{5} = \frac{13}{6} \times \frac{5}{6} = \frac{65}{36} = 1\frac{29}{36}$$

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

$$9. \quad \frac{8}{7} \times \frac{13}{5} = \frac{104}{35} = 2\frac{34}{35}$$

$$10. \quad \frac{4}{3} \times \frac{23}{9} = \frac{92}{27} = 3\frac{11}{27}$$



# Multiplying and Dividing Improper Fractions (I)

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

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

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

Calculate each result.

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

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

3.  $\frac{17}{6} \div \frac{13}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

6.  $\frac{15}{8} \div \frac{26}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

8.  $\frac{5}{3} \div \frac{21}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

9.  $\frac{13}{8} \times \frac{11}{4} = \underline{\quad} = \underline{\quad}$

10.  $\frac{7}{3} \times \frac{11}{9} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Improper Fractions (I) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{7}{6} \times \frac{5}{2} = \frac{35}{12} = 2\frac{11}{12}$$

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

$$3. \quad \frac{17}{6} \div \frac{13}{5} = \frac{17}{6} \times \frac{5}{13} = \frac{85}{78} = 1\frac{7}{78}$$

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

$$5. \quad \frac{5}{4} \times \frac{5}{4} = \frac{25}{16} = 1\frac{9}{16}$$

$$6. \quad \frac{15}{8} \div \frac{26}{9} = \frac{15}{8} \times \frac{9}{26} = \frac{135}{208}$$

$$7. \quad \frac{5}{2} \div \frac{8}{3} = \frac{5}{2} \times \frac{3}{8} = \frac{15}{16}$$

$$8. \quad \frac{5}{3} \div \frac{21}{8} = \frac{5}{3} \times \frac{8}{21} = \frac{40}{63}$$

$$9. \quad \frac{13}{8} \times \frac{11}{4} = \frac{143}{32} = 4\frac{15}{32}$$

$$10. \quad \frac{7}{3} \times \frac{11}{9} = \frac{77}{27} = 2\frac{23}{27}$$

# Multiplying and Dividing Improper Fractions (J)

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

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

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

Calculate each result.

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

2.  $\frac{11}{8} \times \frac{5}{2} = \underline{\quad} = \underline{\quad}$

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

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

5.  $\frac{14}{9} \div \frac{11}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

6.  $\frac{3}{2} \times \frac{11}{8} = \underline{\quad} = \underline{\quad}$

7.  $\frac{9}{7} \times \frac{11}{7} = \underline{\quad} = \underline{\quad}$

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

9.  $\frac{19}{7} \div \frac{8}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

## Multiplying and Dividing Improper Fractions (J) Answers

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

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

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

Calculate each result.

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

$$2. \quad \frac{11}{8} \times \frac{5}{2} = \frac{55}{16} = 3\frac{7}{16}$$

$$3. \quad \frac{5}{2} \div \frac{8}{3} = \frac{5}{2} \times \frac{3}{8} = \frac{15}{16}$$

$$4. \quad \frac{8}{3} \div \frac{7}{4} = \frac{8}{3} \times \frac{4}{7} = \frac{32}{21} = 1\frac{11}{21}$$

$$5. \quad \frac{14}{9} \div \frac{11}{4} = \frac{14}{9} \times \frac{4}{11} = \frac{56}{99}$$

$$6. \quad \frac{3}{2} \times \frac{11}{8} = \frac{33}{16} = 2\frac{1}{16}$$

$$7. \quad \frac{9}{7} \times \frac{11}{7} = \frac{99}{49} = 2\frac{1}{49}$$

$$8. \quad \frac{3}{2} \div \frac{10}{7} = \frac{3}{2} \times \frac{7}{10} = \frac{21}{20} = 1\frac{1}{20}$$

$$9. \quad \frac{19}{7} \div \frac{8}{3} = \frac{19}{7} \times \frac{3}{8} = \frac{57}{56} = 1\frac{1}{56}$$

$$10. \quad \frac{8}{3} \times \frac{4}{3} = \frac{32}{9} = 3\frac{5}{9}$$