

# Multiplying and Dividing Whole Numbers and Fractions (A)

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

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

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

Calculate each result.

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

Convert ↑                      Inversion                      Result                      Simplify

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

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

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

$$5. \quad 6 \times \frac{13}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$6. \quad 3 \div \frac{12}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

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

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

$$9. \quad \frac{11}{6} \times 4 = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

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

# Multiplying and Dividing Whole Numbers and Fractions (A) Answers

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

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

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

Calculate each result.

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

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

$$3. \quad \frac{10}{9} \div 2 = \frac{10}{9} \div \frac{2}{1} = \frac{10}{9} \times \frac{1}{2} = \frac{10}{18} = \frac{5}{9}$$

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

$$5. \quad 6 \times \frac{13}{9} = \frac{78}{9} = \frac{26}{3} = 8\frac{2}{3}$$

$$6. \quad 3 \div \frac{12}{5} = \frac{3}{1} \div \frac{12}{5} = \frac{3}{1} \times \frac{5}{12} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

$$7. \quad \frac{7}{3} \times 6 = \frac{42}{3} = 14$$

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

$$9. \quad \frac{11}{6} \times 4 = \frac{44}{6} = \frac{22}{3} = 7\frac{1}{3}$$

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

# Multiplying and Dividing Whole Numbers and Fractions (B)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

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

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

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

## Multiplying and Dividing Whole Numbers and Fractions (B) Answers

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

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

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

Calculate each result.

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

$$2. \quad 5 \times \frac{11}{5} = \frac{55}{5} = 11$$

$$3. \quad 6 \div \frac{9}{8} = \frac{6}{1} \div \frac{9}{8} = \frac{6}{1} \times \frac{8}{9} = \frac{48}{9} = \frac{16}{3} = 5\frac{1}{3}$$

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

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

$$6. \quad \frac{4}{3} \times 9 = \frac{36}{3} = 12$$

$$7. \quad \frac{16}{9} \div 8 = \frac{16}{9} \div \frac{8}{1} = \frac{16}{9} \times \frac{1}{8} = \frac{16}{72} = \frac{2}{9}$$

$$8. \quad 6 \div \frac{8}{3} = \frac{6}{1} \div \frac{8}{3} = \frac{6}{1} \times \frac{3}{8} = \frac{18}{8} = \frac{9}{4} = 2\frac{1}{4}$$

$$9. \quad 7 \times \frac{10}{7} = \frac{70}{7} = 10$$

$$10. \quad \frac{11}{4} \times 2 = \frac{22}{4} = \frac{11}{2} = 5\frac{1}{2}$$

# Multiplying and Dividing Whole Numbers and Fractions (C)

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

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

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

Calculate each result.

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

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

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

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

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

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

7.  $6 \times \frac{19}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

# Multiplying and Dividing Whole Numbers and Fractions (C) Answers

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

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

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

Calculate each result.

$$1. \quad 6 \times \frac{17}{8} = \frac{102}{8} = \frac{51}{4} = 12\frac{3}{4}$$

$$2. \quad \frac{12}{5} \times 5 = \frac{60}{5} = 12$$

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

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

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

$$6. \quad 5 \times \frac{9}{5} = \frac{45}{5} = 9$$

$$7. \quad 6 \times \frac{19}{9} = \frac{114}{9} = \frac{38}{3} = 12\frac{2}{3}$$

$$8. \quad \frac{10}{7} \div 6 = \frac{10}{7} \div \frac{6}{1} = \frac{10}{7} \times \frac{1}{6} = \frac{10}{42} = \frac{5}{21}$$

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

$$10. \quad 6 \div \frac{3}{2} = \frac{6}{1} \div \frac{3}{2} = \frac{6}{1} \times \frac{2}{3} = \frac{12}{3} = 4$$

# Multiplying and Dividing Whole Numbers and Fractions (D)

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

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

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

Calculate each result.

1.  $\frac{19}{9} \times 6 = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

6.  $2 \div \frac{12}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $5 \div \frac{20}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

9.  $3 \div \frac{15}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

# Multiplying and Dividing Whole Numbers and Fractions (D) Answers

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

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

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

Calculate each result.

$$1. \frac{19}{9} \times 6 = \frac{114}{9} = \frac{38}{3} = 12\frac{2}{3}$$

$$2. \frac{17}{8} \times 4 = \frac{68}{8} = \frac{17}{2} = 8\frac{1}{2}$$

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

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

$$5. \frac{13}{6} \times 4 = \frac{52}{6} = \frac{26}{3} = 8\frac{2}{3}$$

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

$$7. 5 \div \frac{20}{9} = \frac{5}{1} \div \frac{20}{9} = \frac{5}{1} \times \frac{9}{20} = \frac{45}{20} = \frac{9}{4} = 2\frac{1}{4}$$

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

$$9. 3 \div \frac{15}{7} = \frac{3}{1} \div \frac{15}{7} = \frac{3}{1} \times \frac{7}{15} = \frac{21}{15} = \frac{7}{5} = 1\frac{2}{5}$$

$$10. \frac{4}{3} \div 6 = \frac{4}{3} \div \frac{6}{1} = \frac{4}{3} \times \frac{1}{6} = \frac{4}{18} = \frac{2}{9}$$



# Multiplying and Dividing Whole Numbers and Fractions (E)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

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

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

10.  $9 \div \frac{9}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Whole Numbers and Fractions (E) Answers

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

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

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

Calculate each result.

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

$$2. \quad \frac{3}{2} \times 8 = \frac{24}{2} = 12$$

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

$$4. \quad \frac{14}{5} \times 5 = \frac{70}{5} = 14$$

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

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

$$7. \quad \frac{10}{7} \div 8 = \frac{10}{7} \div \frac{8}{1} = \frac{10}{7} \times \frac{1}{8} = \frac{10}{56} = \frac{5}{28}$$

$$8. \quad \frac{7}{3} \times 6 = \frac{42}{3} = 14$$

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

$$10. \quad 9 \div \frac{9}{8} = \frac{9}{1} \div \frac{9}{8} = \frac{9}{1} \times \frac{8}{9} = \frac{72}{9} = 8$$

# Multiplying and Dividing Whole Numbers and Fractions (F)

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

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

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

Calculate each result.

1.  $6 \times \frac{19}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{12}{5} \div 6 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

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

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

10.  $\frac{15}{8} \times 6 = \underline{\quad} = \underline{\quad} = \underline{\quad}$

# Multiplying and Dividing Whole Numbers and Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \quad 6 \times \frac{19}{9} = \frac{114}{9} = \frac{38}{3} = 12\frac{2}{3}$$

$$2. \quad \frac{12}{5} \div 6 = \frac{12}{5} \div \frac{6}{1} = \frac{12}{5} \times \frac{1}{6} = \frac{12}{30} = \frac{2}{5}$$

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

$$4. \quad \frac{11}{9} \times 3 = \frac{33}{9} = \frac{11}{3} = 3\frac{2}{3}$$

$$5. \quad \frac{15}{8} \div 6 = \frac{15}{8} \div \frac{6}{1} = \frac{15}{8} \times \frac{1}{6} = \frac{15}{48} = \frac{5}{16}$$

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

$$7. \quad 8 \div \frac{4}{3} = \frac{8}{1} \div \frac{4}{3} = \frac{8}{1} \times \frac{3}{4} = \frac{24}{4} = 6$$

$$8. \quad 6 \div \frac{9}{4} = \frac{6}{1} \div \frac{9}{4} = \frac{6}{1} \times \frac{4}{9} = \frac{24}{9} = \frac{8}{3} = 2\frac{2}{3}$$

$$9. \quad 3 \times \frac{23}{9} = \frac{69}{9} = \frac{23}{3} = 7\frac{2}{3}$$

$$10. \quad \frac{15}{8} \times 6 = \frac{90}{8} = \frac{45}{4} = 11\frac{1}{4}$$

# Multiplying and Dividing Whole Numbers and Fractions (G)

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

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

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

Calculate each result.

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

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

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

4.  $\frac{18}{7} \div 9 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{9}{8} \times 6 = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

10.  $4 \div \frac{12}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

# Multiplying and Dividing Whole Numbers and Fractions (G) Answers

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

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

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

Calculate each result.

$$1. \frac{11}{8} \times 6 = \frac{66}{8} = \frac{33}{4} = 8\frac{1}{4}$$

$$2. \frac{8}{7} \times 7 = \frac{56}{7} = 8$$

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

$$4. \frac{18}{7} \div 9 = \frac{18}{7} \div \frac{9}{1} = \frac{18}{7} \times \frac{1}{9} = \frac{18}{63} = \frac{2}{7}$$

$$5. \frac{9}{8} \times 6 = \frac{54}{8} = \frac{27}{4} = 6\frac{3}{4}$$

$$6. \frac{9}{5} \times 5 = \frac{45}{5} = 9$$

$$7. 4 \div \frac{8}{3} = \frac{4}{1} \div \frac{8}{3} = \frac{4}{1} \times \frac{3}{8} = \frac{12}{8} = \frac{3}{2} = 1\frac{1}{2}$$

$$8. 6 \div \frac{6}{5} = \frac{6}{1} \div \frac{6}{5} = \frac{6}{1} \times \frac{5}{6} = \frac{30}{6} = 5$$

$$9. 6 \div \frac{3}{2} = \frac{6}{1} \div \frac{3}{2} = \frac{6}{1} \times \frac{2}{3} = \frac{12}{3} = 4$$

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

# Multiplying and Dividing Whole Numbers and Fractions (H)

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

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

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

Calculate each result.

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

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

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

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

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

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

7.  $\frac{21}{8} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

10.  $6 \times \frac{3}{2} = \text{---} =$

# Multiplying and Dividing Whole Numbers and Fractions (H) Answers

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

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

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

Calculate each result.

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

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

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

$$4. \quad 7 \times \frac{10}{7} = \frac{70}{7} = 10$$

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

$$6. \quad \frac{9}{5} \times 5 = \frac{45}{5} = 9$$

$$7. \quad \frac{21}{8} \div 6 = \frac{21}{8} \div \frac{6}{1} = \frac{21}{8} \times \frac{1}{6} = \frac{21}{48} = \frac{7}{16}$$

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

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

$$10. \quad 6 \times \frac{3}{2} = \frac{18}{2} = 9$$



# Multiplying and Dividing Whole Numbers and Fractions (I)

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

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

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

Calculate each result.

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

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

3.  $4 \div \frac{10}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

5.  $\frac{14}{5} \div 7 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

10.  $6 \times \frac{7}{4} = \text{---} = \text{---} = \text{---} = \text{---}$

# Multiplying and Dividing Whole Numbers and Fractions (I) Answers

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

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

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

Calculate each result.

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

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

$$3. \quad 4 \div \frac{10}{7} = \frac{4}{1} \div \frac{10}{7} = \frac{4}{1} \times \frac{7}{10} = \frac{28}{10} = \frac{14}{5} = 2\frac{4}{5}$$

$$4. \quad \frac{4}{3} \div 8 = \frac{4}{3} \div \frac{8}{1} = \frac{4}{3} \times \frac{1}{8} = \frac{4}{24} = \frac{1}{6}$$

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

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

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

$$8. \quad \frac{13}{5} \times 5 = \frac{65}{5} = 13$$

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

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

# Multiplying and Dividing Whole Numbers and Fractions (J)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

8.  $\frac{12}{5} \div 6 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

# Multiplying and Dividing Whole Numbers and Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{9}{4} \times 6 = \frac{54}{4} = \frac{27}{2} = 13\frac{1}{2}$$

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

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

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

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

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

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

$$8. \quad \frac{12}{5} \div 6 = \frac{12}{5} \div \frac{6}{1} = \frac{12}{5} \times \frac{1}{6} = \frac{12}{30} = \frac{2}{5}$$

$$9. \quad 8 \div \frac{26}{9} = \frac{8}{1} \div \frac{26}{9} = \frac{8}{1} \times \frac{9}{26} = \frac{72}{26} = \frac{36}{13} = 2\frac{10}{13}$$

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