

# Multiplying and Dividing Whole Numbers and Fractions (A)

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

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

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

Calculate each result.

1.  $\frac{7}{6} \times 2 =$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_  
Result                      Simplify                      Convert ↓

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

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

4.  $\frac{7}{3} \div 7 =$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_  $\times$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

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

6.  $\frac{9}{4} \div 2 =$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_  $\times$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

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

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

9.  $9 \div \frac{5}{3} =$  \_\_\_\_\_  $\div$  \_\_\_\_\_  $=$  \_\_\_\_\_  $\times$  \_\_\_\_\_  $=$  \_\_\_\_\_  $=$  \_\_\_\_\_

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

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

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

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

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

Calculate each result.

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

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

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

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

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

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

$$7. \quad 3 \times \frac{7}{5} = \frac{21}{5} = 4\frac{1}{5}$$

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

$$9. \quad 9 \div \frac{5}{3} = \frac{9}{1} \div \frac{5}{3} = \frac{9}{1} \times \frac{3}{5} = \frac{27}{5} = 5\frac{2}{5}$$

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

# Multiplying and Dividing Whole Numbers and Fractions (B)

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

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

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

Calculate each result.

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

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

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

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

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

6.  $5 \times \frac{11}{8} = \underline{\quad} = \underline{\quad}$

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

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

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

10.  $3 \times \frac{9}{8} = \underline{\quad} = \underline{\quad}$

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

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

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

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

Calculate each result.

$$1. \quad 7 \div \frac{7}{6} = \frac{7}{1} \div \frac{7}{6} = \frac{7}{1} \times \frac{6}{7} = \frac{42}{7} = 6$$

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

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

$$4. \quad \frac{5}{2} \times 5 = \frac{25}{2} = 12\frac{1}{2}$$

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

$$6. \quad 5 \times \frac{11}{8} = \frac{55}{8} = 6\frac{7}{8}$$

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

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

$$9. \quad \frac{11}{9} \times 2 = \frac{22}{9} = 2\frac{4}{9}$$

$$10. \quad 3 \times \frac{9}{8} = \frac{27}{8} = 3\frac{3}{8}$$

# Multiplying and Dividing Whole Numbers and Fractions (C)

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

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

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

Calculate each result.

1.  $9 \div \frac{13}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

7.  $\frac{14}{9} \div 4 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

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

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

Calculate each result.

$$1. \quad 9 \div \frac{13}{7} = \frac{9}{1} \div \frac{13}{7} = \frac{9}{1} \times \frac{7}{13} = \frac{63}{13} = 4\frac{11}{13}$$

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

$$3. \quad \frac{11}{7} \div 4 = \frac{11}{7} \div \frac{4}{1} = \frac{11}{7} \times \frac{1}{4} = \frac{11}{28}$$

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

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

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

$$7. \quad \frac{14}{9} \div 4 = \frac{14}{9} \div \frac{4}{1} = \frac{14}{9} \times \frac{1}{4} = \frac{14}{36} = \frac{7}{18}$$

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

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

$$10. \quad \frac{5}{3} \times 7 = \frac{35}{3} = 11\frac{2}{3}$$

# Multiplying and Dividing Whole Numbers and Fractions (D)

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

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

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

Calculate each result.

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

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

3.  $5 \div \frac{9}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

9.  $\frac{19}{7} \div 2 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

Calculate each result.

$$1. \quad \frac{7}{6} \times 9 = \frac{63}{6} = \frac{21}{2} = 10\frac{1}{2}$$

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

$$3. \quad 5 \div \frac{9}{7} = \frac{5}{1} \div \frac{9}{7} = \frac{5}{1} \times \frac{7}{9} = \frac{35}{9} = 3\frac{8}{9}$$

$$4. \quad \frac{16}{7} \div 2 = \frac{16}{7} \div \frac{2}{1} = \frac{16}{7} \times \frac{1}{2} = \frac{16}{14} = \frac{8}{7} = 1\frac{1}{7}$$

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

$$6. \quad \frac{7}{4} \times 4 = \frac{28}{4} = 7$$

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

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

$$9. \quad \frac{19}{7} \div 2 = \frac{19}{7} \div \frac{2}{1} = \frac{19}{7} \times \frac{1}{2} = \frac{19}{14} = 1\frac{5}{14}$$

$$10. \quad \frac{9}{5} \times 7 = \frac{63}{5} = 12\frac{3}{5}$$

# Multiplying and Dividing Whole Numbers and Fractions (E)

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

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

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

Calculate each result.

1.  $2 \times \frac{15}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

3.  $6 \times \frac{19}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

5.  $9 \times \frac{11}{7} = \underline{\quad} = \underline{\quad}$

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

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

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

9.  $5 \div \frac{23}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $7 \div \frac{5}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

Calculate each result.

$$1. \quad 2 \times \frac{15}{8} = \frac{30}{8} = \frac{15}{4} = 3\frac{3}{4}$$

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

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

$$4. \quad 8 \times \frac{9}{7} = \frac{72}{7} = 10\frac{2}{7}$$

$$5. \quad 9 \times \frac{11}{7} = \frac{99}{7} = 14\frac{1}{7}$$

$$6. \quad \frac{9}{4} \div 7 = \frac{9}{4} \div \frac{7}{1} = \frac{9}{4} \times \frac{1}{7} = \frac{9}{28}$$

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

$$8. \quad 7 \times \frac{16}{9} = \frac{112}{9} = 12\frac{4}{9}$$

$$9. \quad 5 \div \frac{23}{8} = \frac{5}{1} \div \frac{23}{8} = \frac{5}{1} \times \frac{8}{23} = \frac{40}{23} = 1\frac{17}{23}$$

$$10. \quad 7 \div \frac{5}{3} = \frac{7}{1} \div \frac{5}{3} = \frac{7}{1} \times \frac{3}{5} = \frac{21}{5} = 4\frac{1}{5}$$

# Multiplying and Dividing Whole Numbers and Fractions (F)

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

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

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

Calculate each result.

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

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

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

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

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

6.  $2 \times \frac{17}{6} = \text{---} = \text{---} = \text{---}$

7.  $\frac{11}{8} \div 9 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

9.  $5 \times \frac{14}{5} = \text{---} =$

10.  $3 \div \frac{17}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

Calculate each result.

$$1. \quad 9 \div \frac{17}{9} = \frac{9}{1} \div \frac{17}{9} = \frac{9}{1} \times \frac{9}{17} = \frac{81}{17} = 4\frac{13}{17}$$

$$2. \quad \frac{14}{5} \times 5 = \frac{70}{5} = 14$$

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

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

$$5. \quad \frac{7}{5} \times 3 = \frac{21}{5} = 4\frac{1}{5}$$

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

$$7. \quad \frac{11}{8} \div 9 = \frac{11}{8} \div \frac{9}{1} = \frac{11}{8} \times \frac{1}{9} = \frac{11}{72}$$

$$8. \quad 7 \div \frac{8}{7} = \frac{7}{1} \div \frac{8}{7} = \frac{7}{1} \times \frac{7}{8} = \frac{49}{8} = 6\frac{1}{8}$$

$$9. \quad 5 \times \frac{14}{5} = \frac{70}{5} = 14$$

$$10. \quad 3 \div \frac{17}{9} = \frac{3}{1} \div \frac{17}{9} = \frac{3}{1} \times \frac{9}{17} = \frac{27}{17} = 1\frac{10}{17}$$

# Multiplying and Dividing Whole Numbers and Fractions (G)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

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

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

10.  $2 \times \frac{16}{9} = \underline{\quad} = \underline{\quad}$

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

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

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

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

Calculate each result.

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

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

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

$$4. \quad \frac{9}{5} \times 6 = \frac{54}{5} = 10\frac{4}{5}$$

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

$$6. \quad \frac{8}{7} \times 7 = \frac{56}{7} = 8$$

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

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

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

$$10. \quad 2 \times \frac{16}{9} = \frac{32}{9} = 3\frac{5}{9}$$

# Multiplying and Dividing Whole Numbers and Fractions (H)

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

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

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

Calculate each result.

1.  $8 \div \frac{11}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

5.  $\frac{19}{7} \times 3 = \underline{\quad} = \underline{\quad}$

6.  $\frac{23}{9} \div 2 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

9.  $\frac{12}{7} \times 2 = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

Calculate each result.

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

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

$$3. \quad 7 \div \frac{13}{7} = \frac{7}{1} \div \frac{13}{7} = \frac{7}{1} \times \frac{7}{13} = \frac{49}{13} = 3\frac{10}{13}$$

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

$$5. \quad \frac{19}{7} \times 3 = \frac{57}{7} = 8\frac{1}{7}$$

$$6. \quad \frac{23}{9} \div 2 = \frac{23}{9} \div \frac{2}{1} = \frac{23}{9} \times \frac{1}{2} = \frac{23}{18} = 1\frac{5}{18}$$

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

$$8. \quad \frac{7}{5} \times 8 = \frac{56}{5} = 11\frac{1}{5}$$

$$9. \quad \frac{12}{7} \times 2 = \frac{24}{7} = 3\frac{3}{7}$$

$$10. \quad \frac{5}{2} \times 3 = \frac{15}{2} = 7\frac{1}{2}$$

# Multiplying and Dividing Whole Numbers and Fractions (I)

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

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

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

Calculate each result.

1.  $6 \div \frac{7}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

3.  $5 \div \frac{7}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

9.  $\frac{18}{7} \div 3 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $6 \div \frac{13}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

Calculate each result.

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

$$2. \quad \frac{10}{7} \times 7 = \frac{70}{7} = 10$$

$$3. \quad 5 \div \frac{7}{6} = \frac{5}{1} \div \frac{7}{6} = \frac{5}{1} \times \frac{6}{7} = \frac{30}{7} = 4\frac{2}{7}$$

$$4. \quad 9 \div \frac{4}{3} = \frac{9}{1} \div \frac{4}{3} = \frac{9}{1} \times \frac{3}{4} = \frac{27}{4} = 6\frac{3}{4}$$

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

$$6. \quad \frac{13}{8} \times 3 = \frac{39}{8} = 4\frac{7}{8}$$

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

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

$$9. \quad \frac{18}{7} \div 3 = \frac{18}{7} \div \frac{3}{1} = \frac{18}{7} \times \frac{1}{3} = \frac{18}{21} = \frac{6}{7}$$

$$10. \quad 6 \div \frac{13}{8} = \frac{6}{1} \div \frac{13}{8} = \frac{6}{1} \times \frac{8}{13} = \frac{48}{13} = 3\frac{9}{13}$$

# Multiplying and Dividing Whole Numbers and Fractions (J)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

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

9.  $5 \div \frac{10}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

10.  $\frac{18}{7} \div 7 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

Calculate each result.

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

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

$$3. \quad 4 \times \frac{11}{5} = \frac{44}{5} = 8\frac{4}{5}$$

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

$$5. \quad 3 \times \frac{17}{6} = \frac{51}{6} = \frac{17}{2} = 8\frac{1}{2}$$

$$6. \quad 9 \times \frac{9}{7} = \frac{81}{7} = 11\frac{4}{7}$$

$$7. \quad \frac{13}{7} \times 5 = \frac{65}{7} = 9\frac{2}{7}$$

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

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

$$10. \quad \frac{18}{7} \div 7 = \frac{18}{7} \div \frac{7}{1} = \frac{18}{7} \times \frac{1}{7} = \frac{18}{49}$$