

# Multiplying and Dividing Whole Numbers and Fractions (A)

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

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

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

Calculate each result.

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

Convert ↑                      Inversion                      Result                      Convert ↓

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

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

$$4. \quad 7 \times 1\frac{5}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

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

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

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

$$8. \quad 3\frac{1}{2} \div 9 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

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

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

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

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

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

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

Calculate each result.

$$1. 7 \div 3\frac{3}{5} = \frac{7}{1} \div \frac{18}{5} = \frac{7}{1} \times \frac{5}{18} = \frac{35}{18} = 1\frac{17}{18}$$

$$2. 4 \div 2\frac{3}{8} = \frac{4}{1} \div \frac{19}{8} = \frac{4}{1} \times \frac{8}{19} = \frac{32}{19} = 1\frac{13}{19}$$

$$3. 3 \div 2\frac{3}{4} = \frac{3}{1} \div \frac{11}{4} = \frac{3}{1} \times \frac{4}{11} = \frac{12}{11} = 1\frac{1}{11}$$

$$4. 7 \times 1\frac{5}{8} = \frac{7}{1} \times \frac{13}{8} = \frac{91}{8} = 11\frac{3}{8}$$

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

$$6. 2\frac{1}{2} \div 7 = \frac{5}{2} \div \frac{7}{1} = \frac{5}{2} \times \frac{1}{7} = \frac{5}{14}$$

$$7. 5 \times 3\frac{1}{8} = \frac{5}{1} \times \frac{25}{8} = \frac{125}{8} = 15\frac{5}{8}$$

$$8. 3\frac{1}{2} \div 9 = \frac{7}{2} \div \frac{9}{1} = \frac{7}{2} \times \frac{1}{9} = \frac{7}{18}$$

$$9. 7 \times 3\frac{1}{2} = \frac{7}{1} \times \frac{7}{2} = \frac{49}{2} = 24\frac{1}{2}$$

$$10. 3\frac{3}{5} \times 2 = \frac{18}{5} \times \frac{2}{1} = \frac{36}{5} = 7\frac{1}{5}$$

# Multiplying and Dividing Whole Numbers and Fractions (B)

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

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

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

Calculate each result.

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

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

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

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

5.  $7 \div 1\frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

10.  $9 \times 2\frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

Calculate each result.

$$1. \quad 2\frac{1}{5} \times 4 = \frac{11}{5} \times \frac{4}{1} = \frac{44}{5} = 8\frac{4}{5}$$

$$2. \quad 3\frac{1}{3} \times 2 = \frac{10}{3} \times \frac{2}{1} = \frac{20}{3} = 6\frac{2}{3}$$

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

$$4. \quad 8 \div 1\frac{2}{3} = \frac{8}{1} \div \frac{5}{3} = \frac{8}{1} \times \frac{3}{5} = \frac{24}{5} = 4\frac{4}{5}$$

$$5. \quad 7 \div 1\frac{5}{6} = \frac{7}{1} \div \frac{11}{6} = \frac{7}{1} \times \frac{6}{11} = \frac{42}{11} = 3\frac{9}{11}$$

$$6. \quad 3\frac{3}{5} \div 5 = \frac{18}{5} \div \frac{5}{1} = \frac{18}{5} \times \frac{1}{5} = \frac{18}{25}$$

$$7. \quad 1\frac{1}{5} \div 7 = \frac{6}{5} \div \frac{7}{1} = \frac{6}{5} \times \frac{1}{7} = \frac{6}{35}$$

$$8. \quad 8 \times 2\frac{2}{3} = \frac{8}{1} \times \frac{8}{3} = \frac{64}{3} = 21\frac{1}{3}$$

$$9. \quad 7 \times 1\frac{5}{9} = \frac{7}{1} \times \frac{14}{9} = \frac{98}{9} = 10\frac{8}{9}$$

$$10. \quad 9 \times 2\frac{3}{4} = \frac{9}{1} \times \frac{11}{4} = \frac{99}{4} = 24\frac{3}{4}$$

# Multiplying and Dividing Whole Numbers and Fractions (C)

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

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

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

Calculate each result.

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

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

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

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

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

6.  $3\frac{8}{9} \times 4 = \text{---} \times \text{---} = \text{---} = \text{---}$

7.  $1\frac{2}{3} \div 9 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

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

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

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

Calculate each result.

$$1. \quad 1\frac{1}{4} \times 7 = \frac{5}{4} \times \frac{7}{1} = \frac{35}{4} = 8\frac{3}{4}$$

$$2. \quad 2\frac{3}{5} \div 9 = \frac{13}{5} \div \frac{9}{1} = \frac{13}{5} \times \frac{1}{9} = \frac{13}{45}$$

$$3. \quad 2\frac{2}{3} \times 5 = \frac{8}{3} \times \frac{5}{1} = \frac{40}{3} = 13\frac{1}{3}$$

$$4. \quad 2\frac{1}{2} \times 7 = \frac{5}{2} \times \frac{7}{1} = \frac{35}{2} = 17\frac{1}{2}$$

$$5. \quad 4 \div 3\frac{2}{3} = \frac{4}{1} \div \frac{11}{3} = \frac{4}{1} \times \frac{3}{11} = \frac{12}{11} = 1\frac{1}{11}$$

$$6. \quad 3\frac{8}{9} \times 4 = \frac{35}{9} \times \frac{4}{1} = \frac{140}{9} = 15\frac{5}{9}$$

$$7. \quad 1\frac{2}{3} \div 9 = \frac{5}{3} \div \frac{9}{1} = \frac{5}{3} \times \frac{1}{9} = \frac{5}{27}$$

$$8. \quad 1\frac{7}{8} \times 9 = \frac{15}{8} \times \frac{9}{1} = \frac{135}{8} = 16\frac{7}{8}$$

$$9. \quad 8 \div 3\frac{8}{9} = \frac{8}{1} \div \frac{35}{9} = \frac{8}{1} \times \frac{9}{35} = \frac{72}{35} = 2\frac{2}{35}$$

$$10. \quad 3\frac{1}{2} \div 4 = \frac{7}{2} \div \frac{4}{1} = \frac{7}{2} \times \frac{1}{4} = \frac{7}{8}$$

# Multiplying and Dividing Whole Numbers and Fractions (D)

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

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

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

Calculate each result.

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

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

3.  $2\frac{1}{4} \times 5 = \text{---} \times \text{---} = \text{---} = \text{---}$

4.  $5 \times 1\frac{1}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

6.  $7 \times 1\frac{7}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

10.  $1\frac{1}{5} \div 7 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

Calculate each result.

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

$$2. \quad 2\frac{2}{9} \div 7 = \frac{20}{9} \div \frac{7}{1} = \frac{20}{9} \times \frac{1}{7} = \frac{20}{63}$$

$$3. \quad 2\frac{1}{4} \times 5 = \frac{9}{4} \times \frac{5}{1} = \frac{45}{4} = 11\frac{1}{4}$$

$$4. \quad 5 \times 1\frac{1}{7} = \frac{5}{1} \times \frac{8}{7} = \frac{40}{7} = 5\frac{5}{7}$$

$$5. \quad 9 \times 2\frac{1}{2} = \frac{9}{1} \times \frac{5}{2} = \frac{45}{2} = 22\frac{1}{2}$$

$$6. \quad 7 \times 1\frac{7}{8} = \frac{7}{1} \times \frac{15}{8} = \frac{105}{8} = 13\frac{1}{8}$$

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

$$8. \quad 5 \div 1\frac{1}{5} = \frac{5}{1} \div \frac{6}{5} = \frac{5}{1} \times \frac{5}{6} = \frac{25}{6} = 4\frac{1}{6}$$

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

$$10. \quad 1\frac{1}{5} \div 7 = \frac{6}{5} \div \frac{7}{1} = \frac{6}{5} \times \frac{1}{7} = \frac{6}{35}$$



# Multiplying and Dividing Whole Numbers and Fractions (E)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

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

9.  $3\frac{1}{2} \div 8 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

10.  $3\frac{3}{8} \times 5 = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

Calculate each result.

$$1. \quad 5 \div 2\frac{4}{5} = \frac{5}{1} \div \frac{14}{5} = \frac{5}{1} \times \frac{5}{14} = \frac{25}{14} = 1\frac{11}{14}$$

$$2. \quad 5 \div 3\frac{1}{6} = \frac{5}{1} \div \frac{19}{6} = \frac{5}{1} \times \frac{6}{19} = \frac{30}{19} = 1\frac{11}{19}$$

$$3. \quad 1\frac{3}{8} \times 5 = \frac{11}{8} \times \frac{5}{1} = \frac{55}{8} = 6\frac{7}{8}$$

$$4. \quad 5 \times 3\frac{1}{4} = \frac{5}{1} \times \frac{13}{4} = \frac{65}{4} = 16\frac{1}{4}$$

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

$$6. \quad 7 \div 2\frac{1}{2} = \frac{7}{1} \div \frac{5}{2} = \frac{7}{1} \times \frac{2}{5} = \frac{14}{5} = 2\frac{4}{5}$$

$$7. \quad 1\frac{3}{7} \times 5 = \frac{10}{7} \times \frac{5}{1} = \frac{50}{7} = 7\frac{1}{7}$$

$$8. \quad 9 \div 3\frac{5}{9} = \frac{9}{1} \div \frac{32}{9} = \frac{9}{1} \times \frac{9}{32} = \frac{81}{32} = 2\frac{17}{32}$$

$$9. \quad 3\frac{1}{2} \div 8 = \frac{7}{2} \div \frac{8}{1} = \frac{7}{2} \times \frac{1}{8} = \frac{7}{16}$$

$$10. \quad 3\frac{3}{8} \times 5 = \frac{27}{8} \times \frac{5}{1} = \frac{135}{8} = 16\frac{7}{8}$$

# Multiplying and Dividing Whole Numbers and Fractions (F)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

8.  $5 \div 3\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $8 \div 3\frac{6}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

Calculate each result.

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

$$2. \quad 1\frac{2}{3} \times 4 = \frac{5}{3} \times \frac{4}{1} = \frac{20}{3} = 6\frac{2}{3}$$

$$3. \quad 1\frac{5}{8} \times 3 = \frac{13}{8} \times \frac{3}{1} = \frac{39}{8} = 4\frac{7}{8}$$

$$4. \quad 2\frac{1}{5} \times 4 = \frac{11}{5} \times \frac{4}{1} = \frac{44}{5} = 8\frac{4}{5}$$

$$5. \quad 1\frac{2}{3} \div 8 = \frac{5}{3} \div \frac{8}{1} = \frac{5}{3} \times \frac{1}{8} = \frac{5}{24}$$

$$6. \quad 3 \div 3\frac{1}{5} = \frac{3}{1} \div \frac{16}{5} = \frac{3}{1} \times \frac{5}{16} = \frac{15}{16}$$

$$7. \quad 3\frac{2}{5} \times 3 = \frac{17}{5} \times \frac{3}{1} = \frac{51}{5} = 10\frac{1}{5}$$

$$8. \quad 5 \div 3\frac{1}{4} = \frac{5}{1} \div \frac{13}{4} = \frac{5}{1} \times \frac{4}{13} = \frac{20}{13} = 1\frac{7}{13}$$

$$9. \quad 8 \div 3\frac{6}{7} = \frac{8}{1} \div \frac{27}{7} = \frac{8}{1} \times \frac{7}{27} = \frac{56}{27} = 2\frac{2}{27}$$

$$10. \quad 3\frac{2}{3} \div 6 = \frac{11}{3} \div \frac{6}{1} = \frac{11}{3} \times \frac{1}{6} = \frac{11}{18}$$

# Multiplying and Dividing Whole Numbers and Fractions (G)

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

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

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

Calculate each result.

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

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

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

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

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

6.  $8 \times 2\frac{5}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

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

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

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

Calculate each result.

$$1. \quad 8 \div 2\frac{1}{3} = \frac{8}{1} \div \frac{7}{3} = \frac{8}{1} \times \frac{3}{7} = \frac{24}{7} = 3\frac{3}{7}$$

$$2. \quad 2\frac{1}{4} \times 3 = \frac{9}{4} \times \frac{3}{1} = \frac{27}{4} = 6\frac{3}{4}$$

$$3. \quad 4 \times 3\frac{2}{3} = \frac{4}{1} \times \frac{11}{3} = \frac{44}{3} = 14\frac{2}{3}$$

$$4. \quad 2\frac{4}{7} \times 5 = \frac{18}{7} \times \frac{5}{1} = \frac{90}{7} = 12\frac{6}{7}$$

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

$$6. \quad 8 \times 2\frac{5}{7} = \frac{8}{1} \times \frac{19}{7} = \frac{152}{7} = 21\frac{5}{7}$$

$$7. \quad 4 \times 3\frac{3}{7} = \frac{4}{1} \times \frac{24}{7} = \frac{96}{7} = 13\frac{5}{7}$$

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

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

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

# Multiplying and Dividing Whole Numbers and Fractions (H)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

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

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

10.  $1\frac{4}{9} \div 8 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

Calculate each result.

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

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

$$3. 2\frac{1}{2} \times 9 = \frac{5}{2} \times \frac{9}{1} = \frac{45}{2} = 22\frac{1}{2}$$

$$4. 3\frac{1}{2} \div 8 = \frac{7}{2} \div \frac{8}{1} = \frac{7}{2} \times \frac{1}{8} = \frac{7}{16}$$

$$5. 3 \div 2\frac{4}{5} = \frac{3}{1} \div \frac{14}{5} = \frac{3}{1} \times \frac{5}{14} = \frac{15}{14} = 1\frac{1}{14}$$

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

$$7. 7 \times 3\frac{1}{2} = \frac{7}{1} \times \frac{7}{2} = \frac{49}{2} = 24\frac{1}{2}$$

$$8. 3\frac{1}{2} \div 3 = \frac{7}{2} \div \frac{3}{1} = \frac{7}{2} \times \frac{1}{3} = \frac{7}{6} = 1\frac{1}{6}$$

$$9. 2\frac{5}{7} \times 9 = \frac{19}{7} \times \frac{9}{1} = \frac{171}{7} = 24\frac{3}{7}$$

$$10. 1\frac{4}{9} \div 8 = \frac{13}{9} \div \frac{8}{1} = \frac{13}{9} \times \frac{1}{8} = \frac{13}{72}$$



# Multiplying and Dividing Whole Numbers and Fractions (I)

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

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

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

Calculate each result.

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

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

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

4.  $6 \div 2\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

6.  $2\frac{2}{5} \div 7 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

7.  $7 \times 1\frac{5}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

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

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

Calculate each result.

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

$$2. 7 \div 2\frac{2}{3} = \frac{7}{1} \div \frac{8}{3} = \frac{7}{1} \times \frac{3}{8} = \frac{21}{8} = 2\frac{5}{8}$$

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

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

$$5. 7 \div 3\frac{3}{4} = \frac{7}{1} \div \frac{15}{4} = \frac{7}{1} \times \frac{4}{15} = \frac{28}{15} = 1\frac{13}{15}$$

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

$$7. 7 \times 1\frac{5}{6} = \frac{7}{1} \times \frac{11}{6} = \frac{77}{6} = 12\frac{5}{6}$$

$$8. 2\frac{1}{3} \times 5 = \frac{7}{3} \times \frac{5}{1} = \frac{35}{3} = 11\frac{2}{3}$$

$$9. 5 \times 2\frac{2}{3} = \frac{5}{1} \times \frac{8}{3} = \frac{40}{3} = 13\frac{1}{3}$$

$$10. 5 \times 2\frac{3}{4} = \frac{5}{1} \times \frac{11}{4} = \frac{55}{4} = 13\frac{3}{4}$$

# Multiplying and Dividing Whole Numbers and Fractions (J)

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

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

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

Calculate each result.

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

2.  $6 \div 3\frac{4}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

6.  $1\frac{8}{9} \times 5 = \text{---} \times \text{---} = \text{---} = \text{---}$

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

8.  $3\frac{1}{7} \times 5 = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

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

Calculate each result.

$$1. 7 \div 3\frac{2}{3} = \frac{7}{1} \div \frac{11}{3} = \frac{7}{1} \times \frac{3}{11} = \frac{21}{11} = 1\frac{10}{11}$$

$$2. 6 \div 3\frac{4}{7} = \frac{6}{1} \div \frac{25}{7} = \frac{6}{1} \times \frac{7}{25} = \frac{42}{25} = 1\frac{17}{25}$$

$$3. 2\frac{4}{5} \div 9 = \frac{14}{5} \div \frac{9}{1} = \frac{14}{5} \times \frac{1}{9} = \frac{14}{45}$$

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

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

$$6. 1\frac{8}{9} \times 5 = \frac{17}{9} \times \frac{5}{1} = \frac{85}{9} = 9\frac{4}{9}$$

$$7. 2 \times 3\frac{6}{7} = \frac{2}{1} \times \frac{27}{7} = \frac{54}{7} = 7\frac{5}{7}$$

$$8. 3\frac{1}{7} \times 5 = \frac{22}{7} \times \frac{5}{1} = \frac{110}{7} = 15\frac{5}{7}$$

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

$$10. 4 \times 3\frac{2}{3} = \frac{4}{1} \times \frac{11}{3} = \frac{44}{3} = 14\frac{2}{3}$$