

Multiplying and Dividing Whole Numbers and Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

Convert ↑ Inversion Convert ↓

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

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

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

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

$$6. \quad \frac{1}{2} \times 9 = \underline{\quad} = \underline{\quad}$$

$$7. \quad \frac{2}{5} \div 9 = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

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

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

$$10. \quad 8 \times \frac{1}{3} = \underline{\quad} = \underline{\quad}$$

Multiplying and Dividing Whole Numbers and Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 4 \div \frac{5}{8} = \frac{4}{1} \div \frac{5}{8} = \frac{4}{1} \times \frac{8}{5} = \frac{32}{5} = 6\frac{2}{5}$$

$$2. \quad 9 \times \frac{5}{7} = \frac{45}{7} = 6\frac{3}{7}$$

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

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $7 \div \frac{8}{9} =$ _____ \div _____ $=$ _____ \times _____ $=$ _____ $=$ _____

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

4. $\frac{1}{4} \times 3 =$ _____

5. $3 \times \frac{3}{5} =$ _____ $=$ _____

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

7. $\frac{5}{8} \times 9 =$ _____ $=$ _____

8. $\frac{1}{2} \div 9 =$ _____ \div _____ $=$ _____ \times _____ $=$ _____

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

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

Multiplying and Dividing Whole Numbers and Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{7}{8} \times 9 = \frac{63}{8} = 7\frac{7}{8}$$

$$2. 7 \div \frac{8}{9} = \frac{7}{1} \div \frac{8}{9} = \frac{7}{1} \times \frac{9}{8} = \frac{63}{8} = 7\frac{7}{8}$$

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

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

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

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

$$7. \frac{5}{8} \times 9 = \frac{45}{8} = 5\frac{5}{8}$$

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $4 \times \frac{8}{9} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Whole Numbers and Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

$$7. \quad \frac{3}{4} \times 3 = \frac{9}{4} = 2\frac{1}{4}$$

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

$$10. \quad 9 \times \frac{3}{7} = \frac{27}{7} = 3\frac{6}{7}$$

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

$$7. \quad 5 \times \frac{5}{9} = \frac{25}{9} = 2\frac{7}{9}$$

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \quad \frac{6}{7} \times 9 = \frac{54}{7} = 7\frac{5}{7}$$

$$5. \quad \frac{1}{6} \div 9 = \frac{1}{6} \div \frac{9}{1} = \frac{1}{6} \times \frac{1}{9} = \frac{1}{54}$$

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. 4 \times \frac{3}{7} = \frac{12}{7} = 1\frac{5}{7}$$

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

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

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

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

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

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

$$8. \frac{2}{9} \div 5 = \frac{2}{9} \div \frac{5}{1} = \frac{2}{9} \times \frac{1}{5} = \frac{2}{45}$$

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

$$10. 7 \times \frac{7}{9} = \frac{49}{9} = 5\frac{4}{9}$$

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

$$9. \quad \frac{2}{5} \times 8 = \frac{16}{5} = 3\frac{1}{5}$$

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

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{1}{3} \times 4 =$ _____ $=$ _____

2. $3 \times \frac{3}{4} =$ _____ $=$ _____

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

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

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

6. $\frac{4}{7} \div 5 =$ _____ \div _____ $=$ _____ \times _____ $=$ _____

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

$$6. \frac{4}{7} \div 5 = \frac{4}{7} \div \frac{5}{1} = \frac{4}{7} \times \frac{1}{5} = \frac{4}{35}$$

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

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

$$9. 7 \times \frac{3}{4} = \frac{21}{4} = 5\frac{1}{4}$$

$$10. \frac{3}{8} \times 5 = \frac{15}{8} = 1\frac{7}{8}$$