

Multiplying and Dividing Whole Numbers and Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $4 \times \frac{1}{4} =$

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

8. $\frac{3}{4} \div 3 =$

9. $\frac{4}{9} \div 6 =$

10. $8 \div \frac{2}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \frac{6}{7} \div 3 = \frac{6}{7} \div \frac{3}{1} = \frac{6}{7} \times \frac{1}{3} = \frac{6}{21} = \frac{2}{7}$$

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

$$6. 4 \times \frac{1}{4} = \frac{4}{1} \times \frac{1}{4} = \frac{4}{4} = 1$$

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

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

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

$$10. 8 \div \frac{2}{3} = \frac{8}{1} \div \frac{2}{3} = \frac{8}{1} \times \frac{3}{2} = \frac{24}{2} = 12$$

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $8 \div \frac{4}{5} =$

6. $3 \div \frac{6}{7} =$

7. $\frac{2}{7} \div 8 =$

8. $\frac{7}{8} \div 7 =$

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

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

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{8}{9} \times 3 = \frac{8}{9} \times \frac{3}{1} = \frac{24}{9} = \frac{8}{3} = 2\frac{2}{3}$$

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

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

$$5. 8 \div \frac{4}{5} = \frac{8}{1} \div \frac{4}{5} = \frac{8}{1} \times \frac{5}{4} = \frac{40}{4} = 10$$

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

$$7. \frac{2}{7} \div 8 = \frac{2}{7} \div \frac{8}{1} = \frac{2}{7} \times \frac{1}{8} = \frac{2}{56} = \frac{1}{28}$$

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

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

$$10. 7 \times \frac{4}{7} = \frac{7}{1} \times \frac{4}{7} = \frac{28}{7} = 4$$

Multiplying and Dividing Whole Numbers and Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{1}{4} \times 6 =$

2. $\frac{4}{7} \div 2 =$

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

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

5. $\frac{2}{9} \div 6 =$

6. $7 \times \frac{6}{7} =$

7. $\frac{6}{7} \div 2 =$

8. $\frac{2}{3} \div 8 =$

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

10. $8 \div \frac{2}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

$$5. \frac{2}{9} \div 6 = \frac{2}{9} \div \frac{6}{1} = \frac{2}{9} \times \frac{1}{6} = \frac{2}{54} = \frac{1}{27}$$

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

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

$$8. \frac{2}{3} \div 8 = \frac{2}{3} \div \frac{8}{1} = \frac{2}{3} \times \frac{1}{8} = \frac{2}{24} = \frac{1}{12}$$

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

$$10. 8 \div \frac{2}{3} = \frac{8}{1} \div \frac{2}{3} = \frac{8}{1} \times \frac{3}{2} = \frac{24}{2} = 12$$

Multiplying and Dividing Whole Numbers and Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{3}{4} \div 3 =$

4. $8 \div \frac{4}{7} =$

5. $\frac{5}{6} \div 5 =$

6. $\frac{3}{4} \div 9 =$

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{2}{3} \div 8 = \frac{2}{3} \div \frac{8}{1} = \frac{2}{3} \times \frac{1}{8} = \frac{2}{24} = \frac{1}{12}$$

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

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

$$4. 8 \div \frac{4}{7} = \frac{8}{1} \div \frac{4}{7} = \frac{8}{1} \times \frac{7}{4} = \frac{56}{4} = 14$$

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

$$6. \frac{3}{4} \div 9 = \frac{3}{4} \div \frac{9}{1} = \frac{3}{4} \times \frac{1}{9} = \frac{3}{36} = \frac{1}{12}$$

$$7. 9 \times \frac{2}{3} = \frac{9}{1} \times \frac{2}{3} = \frac{18}{3} = 6$$

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $9 \times \frac{5}{6} =$

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

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

6. $\frac{2}{3} \div 6 =$

7. $\frac{2}{3} \div 2 =$

8. $8 \div \frac{2}{3} =$

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

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

Multiplying and Dividing Whole Numbers and Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad 9 \times \frac{5}{6} = \frac{9}{1} \times \frac{5}{6} = \frac{45}{6} = \frac{15}{2} = 7\frac{1}{2}$$

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

$$5. \quad 9 \div \frac{3}{5} = \frac{9}{1} \div \frac{3}{5} = \frac{9}{1} \times \frac{5}{3} = \frac{45}{3} = 15$$

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

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

$$8. \quad 8 \div \frac{2}{3} = \frac{8}{1} \div \frac{2}{3} = \frac{8}{1} \times \frac{3}{2} = \frac{24}{2} = 12$$

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

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

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{2}{3} \div 2 =$

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

5. $6 \div \frac{4}{9} =$

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. 6 \div \frac{4}{5} = \frac{6}{1} \div \frac{4}{5} = \frac{6}{1} \times \frac{5}{4} = \frac{30}{4} = \frac{15}{2} = 7\frac{1}{2}$$

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

$$4. 9 \times \frac{5}{9} = \frac{9}{1} \times \frac{5}{9} = \frac{45}{9} = 5$$

$$5. 6 \div \frac{4}{9} = \frac{6}{1} \div \frac{4}{9} = \frac{6}{1} \times \frac{9}{4} = \frac{54}{4} = \frac{27}{2} = 13\frac{1}{2}$$

$$6. \frac{5}{6} \times 4 = \frac{5}{6} \times \frac{4}{1} = \frac{20}{6} = \frac{10}{3} = 3\frac{1}{3}$$

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

$$8. 4 \div \frac{2}{3} = \frac{4}{1} \div \frac{2}{3} = \frac{4}{1} \times \frac{3}{2} = \frac{12}{2} = 6$$

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

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

Multiplying and Dividing Whole Numbers and Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $3 \div \frac{3}{5} =$

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

4. $3 \div \frac{3}{4} =$

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

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

7. $\frac{2}{3} \div 4 =$

8. $8 \div \frac{2}{3} =$

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

10. $\frac{5}{6} \div 5 =$

Multiplying and Dividing Whole Numbers and Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

$$7. \frac{2}{3} \div 4 = \frac{2}{3} \div \frac{4}{1} = \frac{2}{3} \times \frac{1}{4} = \frac{2}{12} = \frac{1}{6}$$

$$8. 8 \div \frac{2}{3} = \frac{8}{1} \div \frac{2}{3} = \frac{8}{1} \times \frac{3}{2} = \frac{24}{2} = 12$$

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

$$10. \frac{5}{6} \div 5 = \frac{5}{6} \div \frac{5}{1} = \frac{5}{6} \times \frac{1}{5} = \frac{5}{30} = \frac{1}{6}$$

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $\frac{6}{7} \div 8 =$

7. $6 \div \frac{6}{7} =$

8. $8 \div \frac{6}{7} =$

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

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

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{3}{5} \div 6 = \frac{3}{5} \div \frac{6}{1} = \frac{3}{5} \times \frac{1}{6} = \frac{3}{30} = \frac{1}{10}$$

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

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

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

$$5. 8 \div \frac{2}{3} = \frac{8}{1} \div \frac{2}{3} = \frac{8}{1} \times \frac{3}{2} = \frac{24}{2} = 12$$

$$6. \frac{6}{7} \div 8 = \frac{6}{7} \div \frac{8}{1} = \frac{6}{7} \times \frac{1}{8} = \frac{6}{56} = \frac{3}{28}$$

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

$$8. 8 \div \frac{6}{7} = \frac{8}{1} \div \frac{6}{7} = \frac{8}{1} \times \frac{7}{6} = \frac{56}{6} = \frac{28}{3} = 9\frac{1}{3}$$

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

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

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{6}{7} \div 6 =$

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

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

6. $6 \div \frac{8}{9} =$

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{4}{5} \div 8 = \frac{4}{5} \div \frac{8}{1} = \frac{4}{5} \times \frac{1}{8} = \frac{4}{40} = \frac{1}{10}$$

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

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

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

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

$$6. \quad 6 \div \frac{8}{9} = \frac{6}{1} \div \frac{8}{9} = \frac{6}{1} \times \frac{9}{8} = \frac{54}{8} = \frac{27}{4} = 6\frac{3}{4}$$

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $\frac{2}{7} \div 4 =$

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

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

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

10. $\frac{2}{5} \div 8 =$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad \frac{4}{7} \div 8 = \frac{4}{7} \div \frac{8}{1} = \frac{4}{7} \times \frac{1}{8} = \frac{4}{56} = \frac{1}{14}$$

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

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

$$6. \quad \frac{2}{7} \div 4 = \frac{2}{7} \div \frac{4}{1} = \frac{2}{7} \times \frac{1}{4} = \frac{2}{28} = \frac{1}{14}$$

$$7. \quad 2 \times \frac{5}{8} = \frac{2}{1} \times \frac{5}{8} = \frac{10}{8} = \frac{5}{4} = 1\frac{1}{4}$$

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

$$9. \quad 2 \div \frac{4}{5} = \frac{2}{1} \div \frac{4}{5} = \frac{2}{1} \times \frac{5}{4} = \frac{10}{4} = \frac{5}{2} = 2\frac{1}{2}$$

$$10. \quad \frac{2}{5} \div 8 = \frac{2}{5} \div \frac{8}{1} = \frac{2}{5} \times \frac{1}{8} = \frac{2}{40} = \frac{1}{20}$$