

Multiplying and Dividing Whole Numbers and Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

Convert ↑ Result Simplify Convert ↓

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

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

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

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

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

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

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

$$9. \quad 2\frac{8}{9} \div 8 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

Multiplying and Dividing Whole Numbers and Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{1}{9} \times 6 = \frac{10}{9} \times \frac{6}{1} = \frac{60}{9} = \frac{20}{3} = 6\frac{2}{3}$$

$$2. \quad 3 \times 2\frac{1}{9} = \frac{3}{1} \times \frac{19}{9} = \frac{57}{9} = \frac{19}{3} = 6\frac{1}{3}$$

$$3. \quad 2\frac{2}{5} \times 5 = \frac{12}{5} \times \frac{5}{1} = \frac{60}{5} = 12$$

$$4. \quad 3\frac{1}{3} \div 4 = \frac{10}{3} \div \frac{4}{1} = \frac{10}{3} \times \frac{1}{4} = \frac{10}{12} = \frac{5}{6}$$

$$5. \quad 4 \div 2\frac{4}{5} = \frac{4}{1} \div \frac{14}{5} = \frac{4}{1} \times \frac{5}{14} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

8. $1\frac{5}{9} \div 4 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 6 \times 3\frac{1}{3} = \frac{6}{1} \times \frac{10}{3} = \frac{60}{3} = 20$$

$$3. \quad 6 \times 2\frac{2}{3} = \frac{6}{1} \times \frac{8}{3} = \frac{48}{3} = 16$$

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

$$5. \quad 1\frac{1}{2} \times 6 = \frac{3}{2} \times \frac{6}{1} = \frac{18}{2} = 9$$

$$6. \quad 6 \div 1\frac{5}{9} = \frac{6}{1} \div \frac{14}{9} = \frac{6}{1} \times \frac{9}{14} = \frac{54}{14} = \frac{27}{7} = 3\frac{6}{7}$$

$$7. \quad 5 \div 2\frac{6}{7} = \frac{5}{1} \div \frac{20}{7} = \frac{5}{1} \times \frac{7}{20} = \frac{35}{20} = \frac{7}{4} = 1\frac{3}{4}$$

$$8. \quad 1\frac{5}{9} \div 4 = \frac{14}{9} \div \frac{4}{1} = \frac{14}{9} \times \frac{1}{4} = \frac{14}{36} = \frac{7}{18}$$

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

$$10. \quad 3 \div 3\frac{3}{5} = \frac{3}{1} \div \frac{18}{5} = \frac{3}{1} \times \frac{5}{18} = \frac{15}{18} = \frac{5}{6}$$

Multiplying and Dividing Whole Numbers and Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $4 \times 3\frac{7}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5. $1\frac{2}{3} \times 9 = \text{---} \times \text{---} = \text{---} =$

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

7. $6 \div 2\frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 3\frac{3}{7} \times 7 = \frac{24}{7} \times \frac{7}{1} = \frac{168}{7} = 24$$

$$3. \quad 2\frac{3}{5} \times 5 = \frac{13}{5} \times \frac{5}{1} = \frac{65}{5} = 13$$

$$4. \quad 4 \times 3\frac{7}{8} = \frac{4}{1} \times \frac{31}{8} = \frac{124}{8} = \frac{31}{2} = 15\frac{1}{2}$$

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

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

$$7. \quad 6 \div 2\frac{4}{5} = \frac{6}{1} \div \frac{14}{5} = \frac{6}{1} \times \frac{5}{14} = \frac{30}{14} = \frac{15}{7} = 2\frac{1}{7}$$

$$8. \quad 3 \times 3\frac{2}{3} = \frac{3}{1} \times \frac{11}{3} = \frac{33}{3} = 11$$

$$9. \quad 2 \div 2\frac{4}{5} = \frac{2}{1} \div \frac{14}{5} = \frac{2}{1} \times \frac{5}{14} = \frac{10}{14} = \frac{5}{7}$$

$$10. \quad 3\frac{1}{3} \div 6 = \frac{10}{3} \div \frac{6}{1} = \frac{10}{3} \times \frac{1}{6} = \frac{10}{18} = \frac{5}{9}$$

Multiplying and Dividing Whole Numbers and Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. 8 \times 2\frac{5}{6} = \frac{8}{1} \times \frac{17}{6} = \frac{136}{6} = \frac{68}{3} = 22\frac{2}{3}$$

$$2. 3\frac{4}{5} \times 5 = \frac{19}{5} \times \frac{5}{1} = \frac{95}{5} = 19$$

$$3. 3\frac{1}{4} \times 4 = \frac{13}{4} \times \frac{4}{1} = \frac{52}{4} = 13$$

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

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

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

$$7. 6 \div 2\frac{2}{5} = \frac{6}{1} \div \frac{12}{5} = \frac{6}{1} \times \frac{5}{12} = \frac{30}{12} = \frac{5}{2} = 2\frac{1}{2}$$

$$8. 3\frac{1}{7} \div 2 = \frac{22}{7} \div \frac{2}{1} = \frac{22}{7} \times \frac{1}{2} = \frac{22}{14} = \frac{11}{7} = 1\frac{4}{7}$$

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

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

Multiplying and Dividing Whole Numbers and Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $2 \div 2\frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6. $6 \times 2\frac{2}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

7. $1\frac{3}{4} \times 8 = \text{---} \times \text{---} = \text{---} =$

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 6 \times 3\frac{3}{4} = \frac{6}{1} \times \frac{15}{4} = \frac{90}{4} = \frac{45}{2} = 22\frac{1}{2}$$

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

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

$$4. \quad 9 \div 2\frac{2}{5} = \frac{9}{1} \div \frac{12}{5} = \frac{9}{1} \times \frac{5}{12} = \frac{45}{12} = \frac{15}{4} = 3\frac{3}{4}$$

$$5. \quad 2 \div 2\frac{8}{9} = \frac{2}{1} \div \frac{26}{9} = \frac{2}{1} \times \frac{9}{26} = \frac{18}{26} = \frac{9}{13}$$

$$6. \quad 6 \times 2\frac{2}{9} = \frac{6}{1} \times \frac{20}{9} = \frac{120}{9} = \frac{40}{3} = 13\frac{1}{3}$$

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $1\frac{5}{6} \times 2 = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 2\frac{2}{7} \div 6 = \frac{16}{7} \div \frac{6}{1} = \frac{16}{7} \times \frac{1}{6} = \frac{16}{42} = \frac{8}{21}$$

$$3. \quad 9 \times 2\frac{1}{3} = \frac{9}{1} \times \frac{7}{3} = \frac{63}{3} = 21$$

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

$$5. \quad 8 \div 3\frac{1}{3} = \frac{8}{1} \div \frac{10}{3} = \frac{8}{1} \times \frac{3}{10} = \frac{24}{10} = \frac{12}{5} = 2\frac{2}{5}$$

$$6. \quad 1\frac{1}{2} \times 8 = \frac{3}{2} \times \frac{8}{1} = \frac{24}{2} = 12$$

$$7. \quad 1\frac{5}{6} \times 2 = \frac{11}{6} \times \frac{2}{1} = \frac{22}{6} = \frac{11}{3} = 3\frac{2}{3}$$

$$8. \quad 8 \div 1\frac{7}{9} = \frac{8}{1} \div \frac{16}{9} = \frac{8}{1} \times \frac{9}{16} = \frac{72}{16} = \frac{9}{2} = 4\frac{1}{2}$$

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

$$10. \quad 1\frac{3}{4} \times 4 = \frac{7}{4} \times \frac{4}{1} = \frac{28}{4} = 7$$

Multiplying and Dividing Whole Numbers and Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $6 \div 1\frac{7}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. 6 \times 2\frac{3}{8} = \frac{6}{1} \times \frac{19}{8} = \frac{114}{8} = \frac{57}{4} = 14\frac{1}{4}$$

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

$$3. 9 \div 2\frac{1}{7} = \frac{9}{1} \div \frac{15}{7} = \frac{9}{1} \times \frac{7}{15} = \frac{63}{15} = \frac{21}{5} = 4\frac{1}{5}$$

$$4. 9 \times 1\frac{2}{3} = \frac{9}{1} \times \frac{5}{3} = \frac{45}{3} = 15$$

$$5. 5 \times 3\frac{2}{5} = \frac{5}{1} \times \frac{17}{5} = \frac{85}{5} = 17$$

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

$$7. 6 \div 2\frac{2}{3} = \frac{6}{1} \div \frac{8}{3} = \frac{6}{1} \times \frac{3}{8} = \frac{18}{8} = \frac{9}{4} = 2\frac{1}{4}$$

$$8. 3\frac{1}{2} \div 7 = \frac{7}{2} \div \frac{7}{1} = \frac{7}{2} \times \frac{1}{7} = \frac{7}{14} = \frac{1}{2}$$

$$9. 2\frac{2}{5} \div 6 = \frac{12}{5} \div \frac{6}{1} = \frac{12}{5} \times \frac{1}{6} = \frac{12}{30} = \frac{2}{5}$$

$$10. 6 \div 1\frac{7}{8} = \frac{6}{1} \div \frac{15}{8} = \frac{6}{1} \times \frac{8}{15} = \frac{48}{15} = \frac{16}{5} = 3\frac{1}{5}$$

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $3\frac{1}{7} \div 2 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

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

10. $7 \times 2\frac{6}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \quad 3\frac{1}{7} \div 2 = \frac{22}{7} \div \frac{2}{1} = \frac{22}{7} \times \frac{1}{2} = \frac{22}{14} = \frac{11}{7} = 1\frac{4}{7}$$

$$5. \quad 4 \div 1\frac{3}{5} = \frac{4}{1} \div \frac{8}{5} = \frac{4}{1} \times \frac{5}{8} = \frac{20}{8} = \frac{5}{2} = 2\frac{1}{2}$$

$$6. \quad 3\frac{1}{4} \times 4 = \frac{13}{4} \times \frac{4}{1} = \frac{52}{4} = 13$$

$$7. \quad 2 \times 3\frac{3}{4} = \frac{2}{1} \times \frac{15}{4} = \frac{30}{4} = \frac{15}{2} = 7\frac{1}{2}$$

$$8. \quad 4 \times 2\frac{1}{2} = \frac{4}{1} \times \frac{5}{2} = \frac{20}{2} = 10$$

$$9. \quad 5 \times 3\frac{1}{5} = \frac{5}{1} \times \frac{16}{5} = \frac{80}{5} = 16$$

$$10. \quad 7 \times 2\frac{6}{7} = \frac{7}{1} \times \frac{20}{7} = \frac{140}{7} = 20$$

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $4 \times 1\frac{5}{6} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

10. $1\frac{1}{2} \div 9 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \quad 2\frac{3}{4} \times 8 = \frac{11}{4} \times \frac{8}{1} = \frac{88}{4} = 22$$

$$5. \quad 6 \times 2\frac{1}{2} = \frac{6}{1} \times \frac{5}{2} = \frac{30}{2} = 15$$

$$6. \quad 4 \times 1\frac{5}{6} = \frac{4}{1} \times \frac{11}{6} = \frac{44}{6} = \frac{22}{3} = 7\frac{1}{3}$$

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

$$8. \quad 3\frac{1}{2} \div 7 = \frac{7}{2} \div \frac{7}{1} = \frac{7}{2} \times \frac{1}{7} = \frac{7}{14} = \frac{1}{2}$$

$$9. \quad 3 \div 3\frac{3}{7} = \frac{3}{1} \div \frac{24}{7} = \frac{3}{1} \times \frac{7}{24} = \frac{21}{24} = \frac{7}{8}$$

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

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $2 \div 1\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. 6 \times 2\frac{4}{9} = \frac{6}{1} \times \frac{22}{9} = \frac{132}{9} = \frac{44}{3} = 14\frac{2}{3}$$

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

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

$$4. 9 \div 3\frac{3}{5} = \frac{9}{1} \div \frac{18}{5} = \frac{9}{1} \times \frac{5}{18} = \frac{45}{18} = \frac{5}{2} = 2\frac{1}{2}$$

$$5. 6 \div 3\frac{5}{7} = \frac{6}{1} \div \frac{26}{7} = \frac{6}{1} \times \frac{7}{26} = \frac{42}{26} = \frac{21}{13} = 1\frac{8}{13}$$

$$6. 2 \div 1\frac{7}{9} = \frac{2}{1} \div \frac{16}{9} = \frac{2}{1} \times \frac{9}{16} = \frac{18}{16} = \frac{9}{8} = 1\frac{1}{8}$$

$$7. 3\frac{1}{3} \div 2 = \frac{10}{3} \div \frac{2}{1} = \frac{10}{3} \times \frac{1}{2} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$8. 6 \times 2\frac{1}{2} = \frac{6}{1} \times \frac{5}{2} = \frac{30}{2} = 15$$

$$9. 2\frac{1}{6} \times 9 = \frac{13}{6} \times \frac{9}{1} = \frac{117}{6} = \frac{39}{2} = 19\frac{1}{2}$$

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