

Multiplying and Dividing Proper and Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

Convert ↑ Inversion Result

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

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

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

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

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

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

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

$$9. \quad \frac{7}{9} \div 3\frac{3}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

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

Multiplying and Dividing Proper and Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{3}{4} \div 1\frac{1}{7} = \frac{3}{4} \div \frac{8}{7} = \frac{3}{4} \times \frac{7}{8} = \frac{21}{32}$$

$$2. 1\frac{3}{5} \times \frac{1}{5} = \frac{8}{5} \times \frac{1}{5} = \frac{8}{25}$$

$$3. \frac{5}{9} \div 3\frac{2}{3} = \frac{5}{9} \div \frac{11}{3} = \frac{5}{9} \times \frac{3}{11} = \frac{15}{99} = \frac{5}{33}$$

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

$$5. \frac{3}{5} \div 2\frac{7}{9} = \frac{3}{5} \div \frac{25}{9} = \frac{3}{5} \times \frac{9}{25} = \frac{27}{125}$$

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

$$7. 1\frac{1}{4} \times \frac{2}{7} = \frac{5}{4} \times \frac{2}{7} = \frac{10}{28} = \frac{5}{14}$$

$$8. 2\frac{1}{3} \times \frac{1}{5} = \frac{7}{3} \times \frac{1}{5} = \frac{7}{15}$$

$$9. \frac{7}{9} \div 3\frac{3}{4} = \frac{7}{9} \div \frac{15}{4} = \frac{7}{9} \times \frac{4}{15} = \frac{28}{135}$$

$$10. \frac{1}{2} \div 3\frac{5}{6} = \frac{1}{2} \div \frac{23}{6} = \frac{1}{2} \times \frac{6}{23} = \frac{6}{46} = \frac{3}{23}$$

Multiplying and Dividing Proper and Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{8} \div 3\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

2. $1\frac{1}{4} \times \frac{5}{7} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

7. $\frac{3}{8} \div 1\frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{5}{8} \div 3\frac{5}{9} = \frac{5}{8} \div \frac{32}{9} = \frac{5}{8} \times \frac{9}{32} = \frac{45}{256}$$

$$2. 1\frac{1}{4} \times \frac{5}{7} = \frac{5}{4} \times \frac{5}{7} = \frac{25}{28}$$

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

$$4. \frac{2}{3} \div 2\frac{1}{9} = \frac{2}{3} \div \frac{19}{9} = \frac{2}{3} \times \frac{9}{19} = \frac{18}{57} = \frac{6}{19}$$

$$5. \frac{1}{6} \times 3\frac{1}{8} = \frac{1}{6} \times \frac{25}{8} = \frac{25}{48}$$

$$6. \frac{1}{4} \div 1\frac{5}{8} = \frac{1}{4} \div \frac{13}{8} = \frac{1}{4} \times \frac{8}{13} = \frac{8}{52} = \frac{2}{13}$$

$$7. \frac{3}{8} \div 1\frac{8}{9} = \frac{3}{8} \div \frac{17}{9} = \frac{3}{8} \times \frac{9}{17} = \frac{27}{136}$$

$$8. 1\frac{7}{8} \times \frac{1}{2} = \frac{15}{8} \times \frac{1}{2} = \frac{15}{16}$$

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

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

Multiplying and Dividing Proper and Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{3}{8} \times 2\frac{2}{5} = \frac{3}{8} \times \frac{12}{5} = \frac{36}{40} = \frac{9}{10}$$

$$2. \quad \frac{4}{5} \div 3\frac{1}{4} = \frac{4}{5} \div \frac{13}{4} = \frac{4}{5} \times \frac{4}{13} = \frac{16}{65}$$

$$3. \quad \frac{1}{9} \times 3\frac{1}{5} = \frac{1}{9} \times \frac{16}{5} = \frac{16}{45}$$

$$4. \quad 2\frac{1}{2} \times \frac{3}{8} = \frac{5}{2} \times \frac{3}{8} = \frac{15}{16}$$

$$5. \quad 2\frac{3}{5} \times \frac{2}{9} = \frac{13}{5} \times \frac{2}{9} = \frac{26}{45}$$

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

$$7. \quad \frac{3}{4} \div 3\frac{1}{7} = \frac{3}{4} \div \frac{22}{7} = \frac{3}{4} \times \frac{7}{22} = \frac{21}{88}$$

$$8. \quad \frac{2}{3} \div 2\frac{1}{4} = \frac{2}{3} \div \frac{9}{4} = \frac{2}{3} \times \frac{4}{9} = \frac{8}{27}$$

$$9. \quad \frac{2}{3} \div 2\frac{1}{9} = \frac{2}{3} \div \frac{19}{9} = \frac{2}{3} \times \frac{9}{19} = \frac{18}{57} = \frac{6}{19}$$

$$10. \quad \frac{1}{4} \div 1\frac{1}{2} = \frac{1}{4} \div \frac{3}{2} = \frac{1}{4} \times \frac{2}{3} = \frac{2}{12} = \frac{1}{6}$$

Multiplying and Dividing Proper and Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $\frac{1}{9} \times 3\frac{5}{6} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \frac{1}{2} \div 3\frac{1}{7} = \frac{1}{2} \div \frac{22}{7} = \frac{1}{2} \times \frac{7}{22} = \frac{7}{44}$$

$$4. \frac{1}{9} \times 3\frac{5}{6} = \frac{1}{9} \times \frac{23}{6} = \frac{23}{54}$$

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

$$6. 1\frac{1}{6} \times \frac{5}{9} = \frac{7}{6} \times \frac{5}{9} = \frac{35}{54}$$

$$7. 1\frac{1}{4} \times \frac{3}{8} = \frac{5}{4} \times \frac{3}{8} = \frac{15}{32}$$

$$8. \frac{1}{2} \div 3\frac{6}{7} = \frac{1}{2} \div \frac{27}{7} = \frac{1}{2} \times \frac{7}{27} = \frac{7}{54}$$

$$9. 3\frac{1}{2} \times \frac{1}{7} = \frac{7}{2} \times \frac{1}{7} = \frac{7}{14} = \frac{1}{2}$$

$$10. \frac{1}{5} \div 2\frac{1}{4} = \frac{1}{5} \div \frac{9}{4} = \frac{1}{5} \times \frac{4}{9} = \frac{4}{45}$$

Multiplying and Dividing Proper and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. 3\frac{4}{5} \times \frac{1}{4} = \frac{19}{5} \times \frac{1}{4} = \frac{19}{20}$$

$$3. \frac{1}{4} \div 1\frac{1}{5} = \frac{1}{4} \div \frac{6}{5} = \frac{1}{4} \times \frac{5}{6} = \frac{5}{24}$$

$$4. \frac{7}{9} \div 2\frac{1}{6} = \frac{7}{9} \div \frac{13}{6} = \frac{7}{9} \times \frac{6}{13} = \frac{42}{117} = \frac{14}{39}$$

$$5. \frac{3}{5} \div 1\frac{2}{5} = \frac{3}{5} \div \frac{7}{5} = \frac{3}{5} \times \frac{5}{7} = \frac{15}{35} = \frac{3}{7}$$

$$6. \frac{1}{2} \div 3\frac{1}{6} = \frac{1}{2} \div \frac{19}{6} = \frac{1}{2} \times \frac{6}{19} = \frac{6}{38} = \frac{3}{19}$$

$$7. \frac{1}{9} \times 3\frac{2}{5} = \frac{1}{9} \times \frac{17}{5} = \frac{17}{45}$$

$$8. \frac{1}{8} \times 1\frac{8}{9} = \frac{1}{8} \times \frac{17}{9} = \frac{17}{72}$$

$$9. 1\frac{1}{6} \times \frac{1}{4} = \frac{7}{6} \times \frac{1}{4} = \frac{7}{24}$$

$$10. 1\frac{1}{3} \times \frac{1}{2} = \frac{4}{3} \times \frac{1}{2} = \frac{4}{6} = \frac{2}{3}$$

Multiplying and Dividing Proper and Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

5. $\frac{2}{3} \div 1\frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{1}{6} \times 1\frac{4}{5} = \frac{1}{6} \times \frac{9}{5} = \frac{9}{30} = \frac{3}{10}$$

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

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

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

$$5. \frac{2}{3} \div 1\frac{8}{9} = \frac{2}{3} \div \frac{17}{9} = \frac{2}{3} \times \frac{9}{17} = \frac{18}{51} = \frac{6}{17}$$

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

$$7. \frac{4}{9} \div 2\frac{1}{8} = \frac{4}{9} \div \frac{17}{8} = \frac{4}{9} \times \frac{8}{17} = \frac{32}{153}$$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{1}{3} \div 3\frac{1}{8} = \frac{1}{3} \div \frac{25}{8} = \frac{1}{3} \times \frac{8}{25} = \frac{8}{75}$$

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

$$3. \frac{3}{4} \div 3\frac{2}{5} = \frac{3}{4} \div \frac{17}{5} = \frac{3}{4} \times \frac{5}{17} = \frac{15}{68}$$

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

$$5. \frac{2}{7} \times 2\frac{1}{3} = \frac{2}{7} \times \frac{7}{3} = \frac{14}{21} = \frac{2}{3}$$

$$6. \frac{1}{5} \div 3\frac{5}{6} = \frac{1}{5} \div \frac{23}{6} = \frac{1}{5} \times \frac{6}{23} = \frac{6}{115}$$

$$7. \frac{1}{8} \div 3\frac{1}{6} = \frac{1}{8} \div \frac{19}{6} = \frac{1}{8} \times \frac{6}{19} = \frac{6}{152} = \frac{3}{76}$$

$$8. \frac{1}{5} \times 1\frac{4}{5} = \frac{1}{5} \times \frac{9}{5} = \frac{9}{25}$$

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

$$10. \frac{1}{4} \times 2\frac{1}{8} = \frac{1}{4} \times \frac{17}{8} = \frac{17}{32}$$

Multiplying and Dividing Proper and Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{1}{6} \times 3\frac{3}{7} = \frac{1}{6} \times \frac{24}{7} = \frac{24}{42} = \frac{4}{7}$$

$$3. \frac{6}{7} \div 1\frac{3}{4} = \frac{6}{7} \div \frac{7}{4} = \frac{6}{7} \times \frac{4}{7} = \frac{24}{49}$$

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

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

$$6. \frac{2}{9} \div 3\frac{1}{6} = \frac{2}{9} \div \frac{19}{6} = \frac{2}{9} \times \frac{6}{19} = \frac{12}{171} = \frac{4}{57}$$

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

$$8. \frac{1}{4} \div 3\frac{1}{2} = \frac{1}{4} \div \frac{7}{2} = \frac{1}{4} \times \frac{2}{7} = \frac{2}{28} = \frac{1}{14}$$

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

$$10. \frac{3}{4} \div 2\frac{1}{4} = \frac{3}{4} \div \frac{9}{4} = \frac{3}{4} \times \frac{4}{9} = \frac{12}{36} = \frac{1}{3}$$

Multiplying and Dividing Proper and Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad \frac{1}{2} \times 1\frac{2}{9} = \frac{1}{2} \times \frac{11}{9} = \frac{11}{18}$$

$$4. \quad \frac{1}{7} \times 1\frac{3}{7} = \frac{1}{7} \times \frac{10}{7} = \frac{10}{49}$$

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

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

$$7. \quad \frac{2}{3} \div 1\frac{5}{9} = \frac{2}{3} \div \frac{14}{9} = \frac{2}{3} \times \frac{9}{14} = \frac{18}{42} = \frac{3}{7}$$

$$8. \quad \frac{1}{7} \times 1\frac{1}{5} = \frac{1}{7} \times \frac{6}{5} = \frac{6}{35}$$

$$9. \quad \frac{1}{8} \times 2\frac{3}{4} = \frac{1}{8} \times \frac{11}{4} = \frac{11}{32}$$

$$10. \quad \frac{5}{6} \div 2\frac{4}{7} = \frac{5}{6} \div \frac{18}{7} = \frac{5}{6} \times \frac{7}{18} = \frac{35}{108}$$

Multiplying and Dividing Proper and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{1}{4} \div 1\frac{4}{7} = \frac{1}{4} \div \frac{11}{7} = \frac{1}{4} \times \frac{7}{11} = \frac{7}{44}$$

$$2. \frac{1}{2} \times 1\frac{6}{7} = \frac{1}{2} \times \frac{13}{7} = \frac{13}{14}$$

$$3. \frac{1}{3} \times 2\frac{3}{5} = \frac{1}{3} \times \frac{13}{5} = \frac{13}{15}$$

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

$$5. 1\frac{4}{5} \times \frac{1}{4} = \frac{9}{5} \times \frac{1}{4} = \frac{9}{20}$$

$$6. \frac{4}{5} \div 1\frac{1}{9} = \frac{4}{5} \div \frac{10}{9} = \frac{4}{5} \times \frac{9}{10} = \frac{36}{50} = \frac{18}{25}$$

$$7. 2\frac{1}{4} \times \frac{1}{4} = \frac{9}{4} \times \frac{1}{4} = \frac{9}{16}$$

$$8. \frac{1}{8} \div 3\frac{1}{3} = \frac{1}{8} \div \frac{10}{3} = \frac{1}{8} \times \frac{3}{10} = \frac{3}{80}$$

$$9. \frac{1}{5} \div 3\frac{3}{4} = \frac{1}{5} \div \frac{15}{4} = \frac{1}{5} \times \frac{4}{15} = \frac{4}{75}$$

$$10. \frac{1}{2} \div 3\frac{1}{2} = \frac{1}{2} \div \frac{7}{2} = \frac{1}{2} \times \frac{2}{7} = \frac{2}{14} = \frac{1}{7}$$