

Multiplying and Dividing Proper and Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

Convert ↑ Inversion Result Convert ↓

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

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

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

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

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

$$7. \quad \frac{1}{3} \times 2\frac{4}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{1}{3} \div \frac{3}{4} = \frac{4}{3} \div \frac{3}{4} = \frac{4}{3} \times \frac{4}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$2. \quad \frac{5}{6} \div 2\frac{4}{5} = \frac{5}{6} \div \frac{14}{5} = \frac{5}{6} \times \frac{5}{14} = \frac{25}{84}$$

$$3. \quad 2\frac{3}{7} \times \frac{1}{5} = \frac{17}{7} \times \frac{1}{5} = \frac{17}{35}$$

$$4. \quad 1\frac{3}{8} \times \frac{1}{2} = \frac{11}{8} \times \frac{1}{2} = \frac{11}{16}$$

$$5. \quad \frac{1}{8} \div 1\frac{4}{5} = \frac{1}{8} \div \frac{9}{5} = \frac{1}{8} \times \frac{5}{9} = \frac{5}{72}$$

$$6. \quad \frac{2}{5} \div 1\frac{1}{2} = \frac{2}{5} \div \frac{3}{2} = \frac{2}{5} \times \frac{2}{3} = \frac{4}{15}$$

$$7. \quad \frac{1}{3} \times 2\frac{4}{5} = \frac{1}{3} \times \frac{14}{5} = \frac{14}{15}$$

$$8. \quad \frac{1}{4} \div 1\frac{4}{7} = \frac{1}{4} \div \frac{11}{7} = \frac{1}{4} \times \frac{7}{11} = \frac{7}{44}$$

$$9. \quad \frac{1}{2} \times 3\frac{5}{6} = \frac{1}{2} \times \frac{23}{6} = \frac{23}{12} = 1\frac{11}{12}$$

$$10. \quad 2\frac{3}{4} \times \frac{1}{3} = \frac{11}{4} \times \frac{1}{3} = \frac{11}{12}$$

Multiplying and Dividing Proper and Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $2\frac{3}{5} \times \frac{4}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{2}{5} \div \frac{5}{7} = \frac{7}{5} \div \frac{5}{7} = \frac{7}{5} \times \frac{7}{5} = \frac{49}{25} = 1\frac{24}{25}$$

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

$$3. \quad \frac{5}{9} \times 3\frac{1}{9} = \frac{5}{9} \times \frac{28}{9} = \frac{140}{81} = 1\frac{59}{81}$$

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

$$5. \quad \frac{1}{2} \times 1\frac{5}{6} = \frac{1}{2} \times \frac{11}{6} = \frac{11}{12}$$

$$6. \quad 2\frac{3}{5} \times \frac{4}{9} = \frac{13}{5} \times \frac{4}{9} = \frac{52}{45} = 1\frac{7}{45}$$

$$7. \quad \frac{2}{5} \div 1\frac{1}{4} = \frac{2}{5} \div \frac{5}{4} = \frac{2}{5} \times \frac{4}{5} = \frac{8}{25}$$

$$8. \quad \frac{3}{5} \div 1\frac{3}{4} = \frac{3}{5} \div \frac{7}{4} = \frac{3}{5} \times \frac{4}{7} = \frac{12}{35}$$

$$9. \quad \frac{4}{5} \div 2\frac{1}{3} = \frac{4}{5} \div \frac{7}{3} = \frac{4}{5} \times \frac{3}{7} = \frac{12}{35}$$

$$10. \quad \frac{1}{4} \div 2\frac{7}{9} = \frac{1}{4} \div \frac{25}{9} = \frac{1}{4} \times \frac{9}{25} = \frac{9}{100}$$

Multiplying and Dividing Proper and Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{1}{2} \div \frac{4}{5} = \frac{3}{2} \div \frac{4}{5} = \frac{3}{2} \times \frac{5}{4} = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \quad \frac{1}{7} \times 2\frac{3}{4} = \frac{1}{7} \times \frac{11}{4} = \frac{11}{28}$$

$$3. \quad \frac{2}{3} \div 3\frac{4}{7} = \frac{2}{3} \div \frac{25}{7} = \frac{2}{3} \times \frac{7}{25} = \frac{14}{75}$$

$$4. \quad 1\frac{1}{2} \times \frac{3}{7} = \frac{3}{2} \times \frac{3}{7} = \frac{9}{14}$$

$$5. \quad \frac{1}{2} \times 2\frac{1}{4} = \frac{1}{2} \times \frac{9}{4} = \frac{9}{8} = 1\frac{1}{8}$$

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

$$7. \quad \frac{1}{9} \div 3\frac{3}{5} = \frac{1}{9} \div \frac{18}{5} = \frac{1}{9} \times \frac{5}{18} = \frac{5}{162}$$

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

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

$$10. \quad \frac{1}{2} \times 3\frac{4}{9} = \frac{1}{2} \times \frac{31}{9} = \frac{31}{18} = 1\frac{13}{18}$$

Multiplying and Dividing Proper and Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $1\frac{2}{9} \div \frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{2}{9} \div \frac{4}{5} = \frac{11}{9} \div \frac{4}{5} = \frac{11}{9} \times \frac{5}{4} = \frac{55}{36} = 1\frac{19}{36}$$

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

$$3. \quad \frac{2}{5} \div 3\frac{1}{8} = \frac{2}{5} \div \frac{25}{8} = \frac{2}{5} \times \frac{8}{25} = \frac{16}{125}$$

$$4. \quad \frac{1}{4} \div 2\frac{5}{7} = \frac{1}{4} \div \frac{19}{7} = \frac{1}{4} \times \frac{7}{19} = \frac{7}{76}$$

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

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

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

$$8. \quad 1\frac{6}{7} \times \frac{6}{7} = \frac{13}{7} \times \frac{6}{7} = \frac{78}{49} = 1\frac{29}{49}$$

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

$$10. \quad \frac{3}{8} \times 2\frac{3}{7} = \frac{3}{8} \times \frac{17}{7} = \frac{51}{56}$$

Multiplying and Dividing Proper and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{5}{9} \times 3\frac{1}{9} = \frac{5}{9} \times \frac{28}{9} = \frac{140}{81} = 1\frac{59}{81}$$

$$2. \frac{2}{7} \div 3\frac{2}{3} = \frac{2}{7} \div \frac{11}{3} = \frac{2}{7} \times \frac{3}{11} = \frac{6}{77}$$

$$3. \frac{1}{5} \div 1\frac{5}{7} = \frac{1}{5} \div \frac{12}{7} = \frac{1}{5} \times \frac{7}{12} = \frac{7}{60}$$

$$4. \frac{1}{4} \times 3\frac{2}{7} = \frac{1}{4} \times \frac{23}{7} = \frac{23}{28}$$

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

$$6. 1\frac{1}{3} \div \frac{7}{8} = \frac{4}{3} \div \frac{7}{8} = \frac{4}{3} \times \frac{8}{7} = \frac{32}{21} = 1\frac{11}{21}$$

$$7. 2\frac{3}{7} \times \frac{5}{9} = \frac{17}{7} \times \frac{5}{9} = \frac{85}{63} = 1\frac{22}{63}$$

$$8. \frac{1}{2} \times 2\frac{3}{7} = \frac{1}{2} \times \frac{17}{7} = \frac{17}{14} = 1\frac{3}{14}$$

$$9. \frac{3}{4} \div 1\frac{2}{9} = \frac{3}{4} \div \frac{11}{9} = \frac{3}{4} \times \frac{9}{11} = \frac{27}{44}$$

$$10. 2\frac{1}{9} \times \frac{1}{2} = \frac{19}{9} \times \frac{1}{2} = \frac{19}{18} = 1\frac{1}{18}$$

Multiplying and Dividing Proper and Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $\frac{5}{8} \div 1\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{3}{5} \times 2\frac{3}{8} = \frac{3}{5} \times \frac{19}{8} = \frac{57}{40} = 1\frac{17}{40}$$

$$2. \quad 2\frac{1}{7} \times \frac{1}{2} = \frac{15}{7} \times \frac{1}{2} = \frac{15}{14} = 1\frac{1}{14}$$

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

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

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

$$6. \quad \frac{3}{4} \div 3\frac{2}{5} = \frac{3}{4} \div \frac{17}{5} = \frac{3}{4} \times \frac{5}{17} = \frac{15}{68}$$

$$7. \quad \frac{3}{4} \div 3\frac{5}{9} = \frac{3}{4} \div \frac{32}{9} = \frac{3}{4} \times \frac{9}{32} = \frac{27}{128}$$

$$8. \quad \frac{1}{2} \div 3\frac{1}{3} = \frac{1}{2} \div \frac{10}{3} = \frac{1}{2} \times \frac{3}{10} = \frac{3}{20}$$

$$9. \quad \frac{2}{5} \div 2\frac{1}{2} = \frac{2}{5} \div \frac{5}{2} = \frac{2}{5} \times \frac{2}{5} = \frac{4}{25}$$

$$10. \quad \frac{5}{8} \div 1\frac{7}{9} = \frac{5}{8} \div \frac{16}{9} = \frac{5}{8} \times \frac{9}{16} = \frac{45}{128}$$

Multiplying and Dividing Proper and Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{3}{8} \div \frac{5}{7} = \frac{11}{8} \div \frac{5}{7} = \frac{11}{8} \times \frac{7}{5} = \frac{77}{40} = 1\frac{37}{40}$$

$$2. \quad 1\frac{1}{2} \div \frac{4}{5} = \frac{3}{2} \div \frac{4}{5} = \frac{3}{2} \times \frac{5}{4} = \frac{15}{8} = 1\frac{7}{8}$$

$$3. \quad \frac{7}{9} \times 2\frac{1}{2} = \frac{7}{9} \times \frac{5}{2} = \frac{35}{18} = 1\frac{17}{18}$$

$$4. \quad \frac{1}{5} \times 2\frac{1}{3} = \frac{1}{5} \times \frac{7}{3} = \frac{7}{15}$$

$$5. \quad \frac{2}{5} \div 3\frac{2}{3} = \frac{2}{5} \div \frac{11}{3} = \frac{2}{5} \times \frac{3}{11} = \frac{6}{55}$$

$$6. \quad 2\frac{3}{8} \times \frac{1}{4} = \frac{19}{8} \times \frac{1}{4} = \frac{19}{32}$$

$$7. \quad \frac{1}{9} \div 3\frac{2}{5} = \frac{1}{9} \div \frac{17}{5} = \frac{1}{9} \times \frac{5}{17} = \frac{5}{153}$$

$$8. \quad \frac{3}{4} \div 2\frac{1}{3} = \frac{3}{4} \div \frac{7}{3} = \frac{3}{4} \times \frac{3}{7} = \frac{9}{28}$$

$$9. \quad 1\frac{2}{3} \times \frac{5}{7} = \frac{5}{3} \times \frac{5}{7} = \frac{25}{21} = 1\frac{4}{21}$$

$$10. \quad \frac{1}{8} \times 1\frac{6}{7} = \frac{1}{8} \times \frac{13}{7} = \frac{13}{56}$$

Multiplying and Dividing Proper and Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $\frac{1}{4} \div 3\frac{5}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{1}{5} \div \frac{5}{6} = \frac{6}{5} \div \frac{5}{6} = \frac{6}{5} \times \frac{6}{5} = \frac{36}{25} = 1\frac{11}{25}$$

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

$$3. \quad 2\frac{1}{5} \times \frac{1}{3} = \frac{11}{5} \times \frac{1}{3} = \frac{11}{15}$$

$$4. \quad \frac{4}{9} \times 3\frac{1}{3} = \frac{4}{9} \times \frac{10}{3} = \frac{40}{27} = 1\frac{13}{27}$$

$$5. \quad 1\frac{1}{6} \times \frac{1}{4} = \frac{7}{6} \times \frac{1}{4} = \frac{7}{24}$$

$$6. \quad \frac{3}{7} \times 1\frac{1}{2} = \frac{3}{7} \times \frac{3}{2} = \frac{9}{14}$$

$$7. \quad \frac{1}{2} \div 1\frac{3}{5} = \frac{1}{2} \div \frac{8}{5} = \frac{1}{2} \times \frac{5}{8} = \frac{5}{16}$$

$$8. \quad \frac{5}{8} \div 3\frac{2}{3} = \frac{5}{8} \div \frac{11}{3} = \frac{5}{8} \times \frac{3}{11} = \frac{15}{88}$$

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

$$10. \quad \frac{1}{4} \div 3\frac{5}{7} = \frac{1}{4} \div \frac{26}{7} = \frac{1}{4} \times \frac{7}{26} = \frac{7}{104}$$

Multiplying and Dividing Proper and Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

8. $\frac{1}{6} \div 3\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

Multiplying and Dividing Proper and Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{3}{8} \times \frac{1}{2} = \frac{19}{8} \times \frac{1}{2} = \frac{19}{16} = 1\frac{3}{16}$$

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

$$3. \quad \frac{5}{7} \div 1\frac{3}{5} = \frac{5}{7} \div \frac{8}{5} = \frac{5}{7} \times \frac{5}{8} = \frac{25}{56}$$

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

$$5. \quad \frac{1}{7} \div 3\frac{2}{3} = \frac{1}{7} \div \frac{11}{3} = \frac{1}{7} \times \frac{3}{11} = \frac{3}{77}$$

$$6. \quad \frac{2}{3} \div 3\frac{1}{8} = \frac{2}{3} \div \frac{25}{8} = \frac{2}{3} \times \frac{8}{25} = \frac{16}{75}$$

$$7. \quad \frac{3}{5} \times 2\frac{2}{5} = \frac{3}{5} \times \frac{12}{5} = \frac{36}{25} = 1\frac{11}{25}$$

$$8. \quad \frac{1}{6} \div 3\frac{2}{5} = \frac{1}{6} \div \frac{17}{5} = \frac{1}{6} \times \frac{5}{17} = \frac{5}{102}$$

$$9. \quad \frac{3}{5} \times 2\frac{3}{8} = \frac{3}{5} \times \frac{19}{8} = \frac{57}{40} = 1\frac{17}{40}$$

$$10. \quad \frac{3}{4} \times 2\frac{1}{4} = \frac{3}{4} \times \frac{9}{4} = \frac{27}{16} = 1\frac{11}{16}$$

Multiplying and Dividing Proper and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $3\frac{4}{7} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{7}{8} \div 1\frac{2}{3} = \frac{7}{8} \div \frac{5}{3} = \frac{7}{8} \times \frac{3}{5} = \frac{21}{40}$$

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

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

$$5. \frac{4}{5} \div 1\frac{1}{4} = \frac{4}{5} \div \frac{5}{4} = \frac{4}{5} \times \frac{4}{5} = \frac{16}{25}$$

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

$$7. \frac{1}{2} \div 3\frac{4}{5} = \frac{1}{2} \div \frac{19}{5} = \frac{1}{2} \times \frac{5}{19} = \frac{5}{38}$$

$$8. \frac{3}{4} \div 1\frac{6}{7} = \frac{3}{4} \div \frac{13}{7} = \frac{3}{4} \times \frac{7}{13} = \frac{21}{52}$$

$$9. \frac{3}{7} \times 2\frac{3}{4} = \frac{3}{7} \times \frac{11}{4} = \frac{33}{28} = 1\frac{5}{28}$$

$$10. 3\frac{4}{7} \times \frac{1}{2} = \frac{25}{7} \times \frac{1}{2} = \frac{25}{14} = 1\frac{11}{14}$$