

Multiplying and Dividing Proper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

Inversion Result Simplify

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \quad \frac{3}{4} \times \frac{2}{5} = \frac{6}{20} = \frac{3}{10}$$

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

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

$$7. \quad \frac{2}{3} \div \frac{4}{5} = \frac{2}{3} \times \frac{5}{4} = \frac{10}{12} = \frac{5}{6}$$

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

$$9. \quad \frac{4}{9} \div \frac{2}{3} = \frac{4}{9} \times \frac{3}{2} = \frac{12}{18} = \frac{2}{3}$$

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

Multiplying and Dividing Proper Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \quad \frac{3}{7} \div \frac{3}{4} = \frac{3}{7} \times \frac{4}{3} = \frac{12}{21} = \frac{4}{7}$$

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

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

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

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

$$8. \quad \frac{1}{2} \times \frac{4}{7} = \frac{4}{14} = \frac{2}{7}$$

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

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

Multiplying and Dividing Proper Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \frac{3}{8} \times \frac{2}{5} = \frac{6}{40} = \frac{3}{20}$$

$$4. \frac{2}{3} \div \frac{5}{6} = \frac{2}{3} \times \frac{6}{5} = \frac{12}{15} = \frac{4}{5}$$

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

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

$$7. \frac{2}{5} \times \frac{5}{6} = \frac{10}{30} = \frac{1}{3}$$

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

$$9. \frac{2}{7} \div \frac{4}{7} = \frac{2}{7} \times \frac{7}{4} = \frac{14}{28} = \frac{1}{2}$$

$$10. \frac{2}{5} \div \frac{8}{9} = \frac{2}{5} \times \frac{9}{8} = \frac{18}{40} = \frac{9}{20}$$

Multiplying and Dividing Proper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{2}{3} \times \frac{3}{5} = \frac{6}{15} = \frac{2}{5}$$

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

$$4. \frac{2}{7} \div \frac{5}{7} = \frac{2}{7} \times \frac{7}{5} = \frac{14}{35} = \frac{2}{5}$$

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

$$6. \frac{2}{3} \div \frac{5}{6} = \frac{2}{3} \times \frac{6}{5} = \frac{12}{15} = \frac{4}{5}$$

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

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

$$9. \frac{4}{5} \times \frac{1}{8} = \frac{4}{40} = \frac{1}{10}$$

$$10. \frac{7}{8} \times \frac{2}{3} = \frac{14}{24} = \frac{7}{12}$$

Multiplying and Dividing Proper Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{5}{8} \times \frac{1}{5} = \frac{5}{40} = \frac{1}{8}$$

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

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

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

$$6. \frac{5}{9} \div \frac{7}{9} = \frac{5}{9} \times \frac{9}{7} = \frac{45}{63} = \frac{5}{7}$$

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

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

$$9. \frac{5}{9} \div \frac{2}{3} = \frac{5}{9} \times \frac{3}{2} = \frac{15}{18} = \frac{5}{6}$$

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

Multiplying and Dividing Proper Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

$$4. \quad \frac{2}{7} \div \frac{8}{9} = \frac{2}{7} \times \frac{9}{8} = \frac{18}{56} = \frac{9}{28}$$

$$5. \quad \frac{4}{7} \times \frac{1}{8} = \frac{4}{56} = \frac{1}{14}$$

$$6. \quad \frac{4}{5} \div \frac{6}{7} = \frac{4}{5} \times \frac{7}{6} = \frac{28}{30} = \frac{14}{15}$$

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

$$8. \quad \frac{6}{7} \times \frac{1}{2} = \frac{6}{14} = \frac{3}{7}$$

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

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

Multiplying and Dividing Proper Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{2}{5} \times \frac{3}{8} = \frac{6}{40} = \frac{3}{20}$$

$$3. \quad \frac{7}{8} \times \frac{5}{7} = \frac{35}{56} = \frac{5}{8}$$

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

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

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

$$7. \quad \frac{4}{9} \times \frac{1}{2} = \frac{4}{18} = \frac{2}{9}$$

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

$$9. \quad \frac{4}{7} \div \frac{8}{9} = \frac{4}{7} \times \frac{9}{8} = \frac{36}{56} = \frac{9}{14}$$

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

Multiplying and Dividing Proper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{5}{9} \div \frac{5}{6} = \frac{5}{9} \times \frac{6}{5} = \frac{30}{45} = \frac{2}{3}$$

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

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

$$4. \frac{2}{5} \times \frac{5}{8} = \frac{10}{40} = \frac{1}{4}$$

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

$$6. \frac{2}{9} \times \frac{6}{7} = \frac{12}{63} = \frac{4}{21}$$

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

$$8. \frac{2}{5} \div \frac{3}{5} = \frac{2}{5} \times \frac{5}{3} = \frac{10}{15} = \frac{2}{3}$$

$$9. \frac{3}{4} \div \frac{6}{7} = \frac{3}{4} \times \frac{7}{6} = \frac{21}{24} = \frac{7}{8}$$

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

Multiplying and Dividing Proper Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{2}{5} \times \frac{3}{4} = \frac{6}{20} = \frac{3}{10}$$

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

$$3. \frac{3}{5} \div \frac{6}{7} = \frac{3}{5} \times \frac{7}{6} = \frac{21}{30} = \frac{7}{10}$$

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

$$5. \frac{3}{5} \times \frac{7}{9} = \frac{21}{45} = \frac{7}{15}$$

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

$$7. \frac{2}{3} \div \frac{4}{5} = \frac{2}{3} \times \frac{5}{4} = \frac{10}{12} = \frac{5}{6}$$

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

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

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

Multiplying and Dividing Proper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad \frac{5}{6} \div \frac{7}{8} = \frac{5}{6} \times \frac{8}{7} = \frac{40}{42} = \frac{20}{21}$$

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

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

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

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

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

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

$$9. \quad \frac{4}{9} \div \frac{4}{5} = \frac{4}{9} \times \frac{5}{4} = \frac{20}{36} = \frac{5}{9}$$

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