

Multiplying and Dividing Proper and Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $\frac{1}{8} \div 3\frac{5}{9} =$

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{2}{3} \div \frac{3}{4} = \frac{5}{3} \div \frac{3}{4} = \frac{5}{3} \times \frac{4}{3} = \frac{20}{9} = 2\frac{2}{9}$$

$$2. \quad \frac{3}{4} \times 1\frac{2}{7} = \frac{3}{4} \times \frac{9}{7} = \frac{27}{28}$$

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

$$4. \quad 3\frac{4}{9} \times \frac{2}{3} = \frac{31}{9} \times \frac{2}{3} = \frac{62}{27} = 2\frac{8}{27}$$

$$5. \quad \frac{2}{5} \div 2\frac{1}{9} = \frac{2}{5} \div \frac{19}{9} = \frac{2}{5} \times \frac{9}{19} = \frac{18}{95}$$

$$6. \quad \frac{1}{8} \div 3\frac{5}{9} = \frac{1}{8} \div \frac{32}{9} = \frac{1}{8} \times \frac{9}{32} = \frac{9}{256}$$

$$7. \quad 3\frac{2}{5} \div \frac{5}{7} = \frac{17}{5} \div \frac{5}{7} = \frac{17}{5} \times \frac{7}{5} = \frac{119}{25} = 4\frac{19}{25}$$

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

$$9. \quad \frac{3}{4} \times 1\frac{2}{5} = \frac{3}{4} \times \frac{7}{5} = \frac{21}{20} = 1\frac{1}{20}$$

$$10. \quad \frac{5}{6} \times 1\frac{3}{4} = \frac{5}{6} \times \frac{7}{4} = \frac{35}{24} = 1\frac{11}{24}$$

Multiplying and Dividing Proper and Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $1\frac{1}{4} \div \frac{6}{7} =$

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{1}{4} \div \frac{6}{7} = \frac{5}{4} \div \frac{6}{7} = \frac{5}{4} \times \frac{7}{6} = \frac{35}{24} = 1\frac{11}{24}$$

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

$$3. \quad \frac{1}{2} \times 3\frac{8}{9} = \frac{1}{2} \times \frac{35}{9} = \frac{35}{18} = 1\frac{17}{18}$$

$$4. \quad 3\frac{2}{5} \div \frac{3}{4} = \frac{17}{5} \div \frac{3}{4} = \frac{17}{5} \times \frac{4}{3} = \frac{68}{15} = 4\frac{8}{15}$$

$$5. \quad 1\frac{1}{5} \times \frac{3}{5} = \frac{6}{5} \times \frac{3}{5} = \frac{18}{25}$$

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

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

$$8. \quad 1\frac{2}{3} \div \frac{7}{8} = \frac{5}{3} \div \frac{7}{8} = \frac{5}{3} \times \frac{8}{7} = \frac{40}{21} = 1\frac{19}{21}$$

$$9. \quad 2\frac{3}{5} \div \frac{2}{3} = \frac{13}{5} \div \frac{2}{3} = \frac{13}{5} \times \frac{3}{2} = \frac{39}{10} = 3\frac{9}{10}$$

$$10. \quad 1\frac{6}{7} \times \frac{1}{3} = \frac{13}{7} \times \frac{1}{3} = \frac{13}{21}$$

Multiplying and Dividing Proper and Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

8. $3\frac{2}{3} \div \frac{6}{7} =$

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

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

Multiplying and Dividing Proper and Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{1}{5} \div \frac{5}{6} = \frac{11}{5} \div \frac{5}{6} = \frac{11}{5} \times \frac{6}{5} = \frac{66}{25} = 2\frac{16}{25}$$

$$2. \quad 3\frac{1}{4} \div \frac{7}{9} = \frac{13}{4} \div \frac{7}{9} = \frac{13}{4} \times \frac{9}{7} = \frac{117}{28} = 4\frac{5}{28}$$

$$3. \quad 1\frac{6}{7} \times \frac{3}{8} = \frac{13}{7} \times \frac{3}{8} = \frac{39}{56}$$

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

$$5. \quad \frac{2}{9} \times 3\frac{1}{5} = \frac{2}{9} \times \frac{16}{5} = \frac{32}{45}$$

$$6. \quad \frac{2}{3} \times 3\frac{4}{5} = \frac{2}{3} \times \frac{19}{5} = \frac{38}{15} = 2\frac{8}{15}$$

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

$$8. \quad 3\frac{2}{3} \div \frac{6}{7} = \frac{11}{3} \div \frac{6}{7} = \frac{11}{3} \times \frac{7}{6} = \frac{77}{18} = 4\frac{5}{18}$$

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

$$10. \quad \frac{5}{9} \div 3\frac{1}{2} = \frac{5}{9} \div \frac{7}{2} = \frac{5}{9} \times \frac{2}{7} = \frac{10}{63}$$

Multiplying and Dividing Proper and Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $1\frac{7}{9} \div \frac{1}{2} =$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 1\frac{1}{6} \times \frac{1}{2} = \frac{7}{6} \times \frac{1}{2} = \frac{7}{12}$$

$$3. \quad \frac{5}{6} \times 3\frac{5}{8} = \frac{5}{6} \times \frac{29}{8} = \frac{145}{48} = 3\frac{1}{48}$$

$$4. \quad \frac{2}{9} \div 1\frac{4}{5} = \frac{2}{9} \div \frac{9}{5} = \frac{2}{9} \times \frac{5}{9} = \frac{10}{81}$$

$$5. \quad \frac{1}{3} \times 3\frac{5}{8} = \frac{1}{3} \times \frac{29}{8} = \frac{29}{24} = 1\frac{5}{24}$$

$$6. \quad 2\frac{1}{8} \times \frac{1}{3} = \frac{17}{8} \times \frac{1}{3} = \frac{17}{24}$$

$$7. \quad 1\frac{7}{9} \div \frac{1}{2} = \frac{16}{9} \div \frac{1}{2} = \frac{16}{9} \times \frac{2}{1} = \frac{32}{9} = 3\frac{5}{9}$$

$$8. \quad \frac{1}{4} \div 3\frac{2}{7} = \frac{1}{4} \div \frac{23}{7} = \frac{1}{4} \times \frac{7}{23} = \frac{7}{92}$$

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

$$10. \quad \frac{3}{8} \div 2\frac{2}{3} = \frac{3}{8} \div \frac{8}{3} = \frac{3}{8} \times \frac{3}{8} = \frac{9}{64}$$

Multiplying and Dividing Proper and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{8} \div \frac{2}{3} = \frac{25}{8} \div \frac{2}{3} = \frac{25}{8} \times \frac{3}{2} = \frac{75}{16} = 4\frac{11}{16}$$

$$2. \quad 2\frac{2}{3} \times \frac{2}{3} = \frac{8}{3} \times \frac{2}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$3. \quad 1\frac{8}{9} \div \frac{1}{2} = \frac{17}{9} \div \frac{1}{2} = \frac{17}{9} \times \frac{2}{1} = \frac{34}{9} = 3\frac{7}{9}$$

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

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

$$6. \quad 1\frac{1}{5} \times \frac{4}{5} = \frac{6}{5} \times \frac{4}{5} = \frac{24}{25}$$

$$7. \quad 1\frac{1}{5} \div \frac{1}{3} = \frac{6}{5} \div \frac{1}{3} = \frac{6}{5} \times \frac{3}{1} = \frac{18}{5} = 3\frac{3}{5}$$

$$8. \quad \frac{1}{2} \div 3\frac{4}{7} = \frac{1}{2} \div \frac{25}{7} = \frac{1}{2} \times \frac{7}{25} = \frac{7}{50}$$

$$9. \quad \frac{2}{7} \times 3\frac{2}{3} = \frac{2}{7} \times \frac{11}{3} = \frac{22}{21} = 1\frac{1}{21}$$

$$10. \quad 2\frac{6}{7} \times \frac{5}{7} = \frac{20}{7} \times \frac{5}{7} = \frac{100}{49} = 2\frac{2}{49}$$

Multiplying and Dividing Proper and Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{3}{4} \div \frac{2}{3} = \frac{11}{4} \div \frac{2}{3} = \frac{11}{4} \times \frac{3}{2} = \frac{33}{8} = 4\frac{1}{8}$$

$$2. \quad 2\frac{3}{8} \times \frac{5}{6} = \frac{19}{8} \times \frac{5}{6} = \frac{95}{48} = 1\frac{47}{48}$$

$$3. \quad \frac{3}{5} \times 1\frac{6}{7} = \frac{3}{5} \times \frac{13}{7} = \frac{39}{35} = 1\frac{4}{35}$$

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

$$5. \quad \frac{1}{2} \div 3\frac{1}{5} = \frac{1}{2} \div \frac{16}{5} = \frac{1}{2} \times \frac{5}{16} = \frac{5}{32}$$

$$6. \quad \frac{3}{4} \times 3\frac{1}{2} = \frac{3}{4} \times \frac{7}{2} = \frac{21}{8} = 2\frac{5}{8}$$

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

$$8. \quad \frac{2}{3} \div 2\frac{7}{8} = \frac{2}{3} \div \frac{23}{8} = \frac{2}{3} \times \frac{8}{23} = \frac{16}{69}$$

$$9. \quad \frac{3}{4} \times 3\frac{1}{4} = \frac{3}{4} \times \frac{13}{4} = \frac{39}{16} = 2\frac{7}{16}$$

$$10. \quad 3\frac{2}{3} \times \frac{2}{9} = \frac{11}{3} \times \frac{2}{9} = \frac{22}{27}$$

Multiplying and Dividing Proper and Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $1\frac{5}{9} \div \frac{5}{8} =$

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 1\frac{5}{9} \div \frac{5}{8} = \frac{14}{9} \div \frac{5}{8} = \frac{14}{9} \times \frac{8}{5} = \frac{112}{45} = 2\frac{22}{45}$$

$$2. \quad 3\frac{5}{9} \times \frac{1}{9} = \frac{32}{9} \times \frac{1}{9} = \frac{32}{81}$$

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

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

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

$$6. \quad 2\frac{1}{3} \times \frac{2}{3} = \frac{7}{3} \times \frac{2}{3} = \frac{14}{9} = 1\frac{5}{9}$$

$$7. \quad \frac{3}{4} \div 3\frac{2}{7} = \frac{3}{4} \div \frac{23}{7} = \frac{3}{4} \times \frac{7}{23} = \frac{21}{92}$$

$$8. \quad 1\frac{1}{3} \div \frac{3}{5} = \frac{4}{3} \div \frac{3}{5} = \frac{4}{3} \times \frac{5}{3} = \frac{20}{9} = 2\frac{2}{9}$$

$$9. \quad 2\frac{1}{5} \times \frac{1}{2} = \frac{11}{5} \times \frac{1}{2} = \frac{11}{10} = 1\frac{1}{10}$$

$$10. \quad \frac{3}{8} \times 3\frac{1}{4} = \frac{3}{8} \times \frac{13}{4} = \frac{39}{32} = 1\frac{7}{32}$$

Multiplying and Dividing Proper and Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $\frac{1}{7} \times 1\frac{1}{9} =$

8. $\frac{1}{7} \div 2\frac{5}{6} =$

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

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

Multiplying and Dividing Proper and Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{4}{7} \div \frac{3}{4} = \frac{25}{7} \div \frac{3}{4} = \frac{25}{7} \times \frac{4}{3} = \frac{100}{21} = 4\frac{16}{21}$$

$$2. \quad \frac{6}{7} \times 3\frac{6}{7} = \frac{6}{7} \times \frac{27}{7} = \frac{162}{49} = 3\frac{15}{49}$$

$$3. \quad \frac{1}{4} \div 2\frac{4}{5} = \frac{1}{4} \div \frac{14}{5} = \frac{1}{4} \times \frac{5}{14} = \frac{5}{56}$$

$$4. \quad \frac{2}{3} \times 2\frac{2}{3} = \frac{2}{3} \times \frac{8}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$5. \quad 1\frac{1}{9} \times \frac{2}{3} = \frac{10}{9} \times \frac{2}{3} = \frac{20}{27}$$

$$6. \quad \frac{1}{2} \div 3\frac{2}{5} = \frac{1}{2} \div \frac{17}{5} = \frac{1}{2} \times \frac{5}{17} = \frac{5}{34}$$

$$7. \quad \frac{1}{7} \times 1\frac{1}{9} = \frac{1}{7} \times \frac{10}{9} = \frac{10}{63}$$

$$8. \quad \frac{1}{7} \div 2\frac{5}{6} = \frac{1}{7} \div \frac{17}{6} = \frac{1}{7} \times \frac{6}{17} = \frac{6}{119}$$

$$9. \quad \frac{7}{8} \div 1\frac{7}{9} = \frac{7}{8} \div \frac{16}{9} = \frac{7}{8} \times \frac{9}{16} = \frac{63}{128}$$

$$10. \quad \frac{2}{9} \times 1\frac{1}{3} = \frac{2}{9} \times \frac{4}{3} = \frac{8}{27}$$

Multiplying and Dividing Proper and Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $\frac{3}{4} \div 3\frac{8}{9} =$

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

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

10. $\frac{3}{7} \div 2\frac{7}{8} =$

Multiplying and Dividing Proper and Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{2} \div \frac{6}{7} = \frac{7}{2} \div \frac{6}{7} = \frac{7}{2} \times \frac{7}{6} = \frac{49}{12} = 4\frac{1}{12}$$

$$2. \quad 1\frac{2}{3} \div \frac{7}{8} = \frac{5}{3} \div \frac{7}{8} = \frac{5}{3} \times \frac{8}{7} = \frac{40}{21} = 1\frac{19}{21}$$

$$3. \quad 2\frac{6}{7} \times \frac{1}{7} = \frac{20}{7} \times \frac{1}{7} = \frac{20}{49}$$

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

$$5. \quad 1\frac{1}{4} \times \frac{3}{7} = \frac{5}{4} \times \frac{3}{7} = \frac{15}{28}$$

$$6. \quad 2\frac{1}{4} \times \frac{1}{5} = \frac{9}{4} \times \frac{1}{5} = \frac{9}{20}$$

$$7. \quad \frac{3}{4} \div 3\frac{8}{9} = \frac{3}{4} \div \frac{35}{9} = \frac{3}{4} \times \frac{9}{35} = \frac{27}{140}$$

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

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

$$10. \quad \frac{3}{7} \div 2\frac{7}{8} = \frac{3}{7} \div \frac{23}{8} = \frac{3}{7} \times \frac{8}{23} = \frac{24}{161}$$

Multiplying and Dividing Proper and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{2}{3} \times \frac{2}{7} = \frac{11}{3} \times \frac{2}{7} = \frac{22}{21} = 1\frac{1}{21}$$

$$2. \quad 2\frac{1}{9} \times \frac{1}{4} = \frac{19}{9} \times \frac{1}{4} = \frac{19}{36}$$

$$3. \quad 2\frac{2}{3} \div \frac{3}{5} = \frac{8}{3} \div \frac{3}{5} = \frac{8}{3} \times \frac{5}{3} = \frac{40}{9} = 4\frac{4}{9}$$

$$4. \quad 1\frac{4}{7} \div \frac{2}{3} = \frac{11}{7} \div \frac{2}{3} = \frac{11}{7} \times \frac{3}{2} = \frac{33}{14} = 2\frac{5}{14}$$

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

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

$$7. \quad \frac{1}{8} \div 1\frac{1}{5} = \frac{1}{8} \div \frac{6}{5} = \frac{1}{8} \times \frac{5}{6} = \frac{5}{48}$$

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

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

$$10. \quad 1\frac{1}{3} \times \frac{2}{5} = \frac{4}{3} \times \frac{2}{5} = \frac{8}{15}$$