

Multiplying and Dividing Proper and Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 2\frac{2}{7} \times \frac{1}{2} = \frac{16}{7} \times \frac{1}{2} = \frac{16}{14} = \frac{8}{7} = 1\frac{1}{7}$$

$$3. \quad 2\frac{1}{2} \div \frac{5}{7} = \frac{5}{2} \div \frac{5}{7} = \frac{5}{2} \times \frac{7}{5} = \frac{35}{10} = \frac{7}{2} = 3\frac{1}{2}$$

$$4. \quad \frac{1}{8} \times 3\frac{1}{5} = \frac{1}{8} \times \frac{16}{5} = \frac{16}{40} = \frac{2}{5}$$

$$5. \quad 2\frac{4}{7} \times \frac{1}{4} = \frac{18}{7} \times \frac{1}{4} = \frac{18}{28} = \frac{9}{14}$$

$$6. \quad 1\frac{5}{6} \div \frac{3}{4} = \frac{11}{6} \div \frac{3}{4} = \frac{11}{6} \times \frac{4}{3} = \frac{44}{18} = \frac{22}{9} = 2\frac{4}{9}$$

$$7. \quad \frac{1}{2} \times 3\frac{5}{9} = \frac{1}{2} \times \frac{32}{9} = \frac{32}{18} = \frac{16}{9} = 1\frac{7}{9}$$

$$8. \quad \frac{1}{4} \times 1\frac{5}{7} = \frac{1}{4} \times \frac{12}{7} = \frac{12}{28} = \frac{3}{7}$$

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

$$10. \quad \frac{2}{3} \div 3\frac{5}{9} = \frac{2}{3} \div \frac{32}{9} = \frac{2}{3} \times \frac{9}{32} = \frac{18}{96} = \frac{3}{16}$$

Multiplying and Dividing Proper and Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

9. $\frac{1}{6} \div 1\frac{1}{9} =$

10. $\frac{5}{8} \div 3\frac{1}{2} =$

Multiplying and Dividing Proper and Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{3}{4} \div 2\frac{3}{4} = \frac{3}{4} \div \frac{11}{4} = \frac{3}{4} \times \frac{4}{11} = \frac{12}{44} = \frac{3}{11}$$

$$2. \quad \frac{4}{5} \times 1\frac{2}{3} = \frac{4}{5} \times \frac{5}{3} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

$$3. \quad 2\frac{4}{9} \times \frac{3}{4} = \frac{22}{9} \times \frac{3}{4} = \frac{66}{36} = \frac{11}{6} = 1\frac{5}{6}$$

$$4. \quad \frac{1}{5} \times 2\frac{2}{9} = \frac{1}{5} \times \frac{20}{9} = \frac{20}{45} = \frac{4}{9}$$

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

$$6. \quad 1\frac{4}{5} \times \frac{2}{3} = \frac{9}{5} \times \frac{2}{3} = \frac{18}{15} = \frac{6}{5} = 1\frac{1}{5}$$

$$7. \quad \frac{3}{4} \div 2\frac{1}{2} = \frac{3}{4} \div \frac{5}{2} = \frac{3}{4} \times \frac{2}{5} = \frac{6}{20} = \frac{3}{10}$$

$$8. \quad \frac{1}{3} \div 2\frac{1}{6} = \frac{1}{3} \div \frac{13}{6} = \frac{1}{3} \times \frac{6}{13} = \frac{6}{39} = \frac{2}{13}$$

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

$$10. \quad \frac{5}{8} \div 3\frac{1}{2} = \frac{5}{8} \div \frac{7}{2} = \frac{5}{8} \times \frac{2}{7} = \frac{10}{56} = \frac{5}{28}$$

Multiplying and Dividing Proper and Mixed Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (C) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{4}{9} \times 3\frac{3}{4} = \frac{4}{9} \times \frac{15}{4} = \frac{60}{36} = \frac{5}{3} = 1\frac{2}{3}$$

$$2. \frac{5}{6} \div 3\frac{1}{3} = \frac{5}{6} \div \frac{10}{3} = \frac{5}{6} \times \frac{3}{10} = \frac{15}{60} = \frac{1}{4}$$

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

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

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

$$6. 1\frac{7}{8} \times \frac{1}{3} = \frac{15}{8} \times \frac{1}{3} = \frac{15}{24} = \frac{5}{8}$$

$$7. \frac{1}{2} \div 1\frac{5}{8} = \frac{1}{2} \div \frac{13}{8} = \frac{1}{2} \times \frac{8}{13} = \frac{8}{26} = \frac{4}{13}$$

$$8. \frac{2}{3} \div 1\frac{1}{3} = \frac{2}{3} \div \frac{4}{3} = \frac{2}{3} \times \frac{3}{4} = \frac{6}{12} = \frac{1}{2}$$

$$9. \frac{1}{6} \div 3\frac{1}{6} = \frac{1}{6} \div \frac{19}{6} = \frac{1}{6} \times \frac{6}{19} = \frac{6}{114} = \frac{1}{19}$$

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

Multiplying and Dividing Proper and Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $3\frac{1}{5} \times \frac{3}{8} =$

Multiplying and Dividing Proper and Mixed Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{1}{3} \times 3\frac{3}{8} = \frac{1}{3} \times \frac{27}{8} = \frac{27}{24} = \frac{9}{8} = 1\frac{1}{8}$$

$$2. \frac{8}{9} \div 1\frac{2}{3} = \frac{8}{9} \div \frac{5}{3} = \frac{8}{9} \times \frac{3}{5} = \frac{24}{45} = \frac{8}{15}$$

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

$$4. \frac{4}{7} \div 1\frac{1}{7} = \frac{4}{7} \div \frac{8}{7} = \frac{4}{7} \times \frac{7}{8} = \frac{28}{56} = \frac{1}{2}$$

$$5. 3\frac{1}{4} \div \frac{3}{4} = \frac{13}{4} \div \frac{3}{4} = \frac{13}{4} \times \frac{4}{3} = \frac{52}{12} = \frac{13}{3} = 4\frac{1}{3}$$

$$6. \frac{1}{8} \div 3\frac{1}{2} = \frac{1}{8} \div \frac{7}{2} = \frac{1}{8} \times \frac{2}{7} = \frac{2}{56} = \frac{1}{28}$$

$$7. 2\frac{7}{9} \times \frac{1}{5} = \frac{25}{9} \times \frac{1}{5} = \frac{25}{45} = \frac{5}{9}$$

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

$$9. 2\frac{1}{2} \times \frac{2}{3} = \frac{5}{2} \times \frac{2}{3} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$10. 3\frac{1}{5} \times \frac{3}{8} = \frac{16}{5} \times \frac{3}{8} = \frac{48}{40} = \frac{6}{5} = 1\frac{1}{5}$$

Multiplying and Dividing Proper and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{2}{3} \div 1\frac{4}{9} = \frac{2}{3} \div \frac{13}{9} = \frac{2}{3} \times \frac{9}{13} = \frac{18}{39} = \frac{6}{13}$$

$$2. \frac{6}{7} \times 3\frac{1}{2} = \frac{6}{7} \times \frac{7}{2} = \frac{42}{14} = 3$$

$$3. \frac{3}{7} \times 1\frac{2}{3} = \frac{3}{7} \times \frac{5}{3} = \frac{15}{21} = \frac{5}{7}$$

$$4. \frac{7}{9} \times 3\frac{3}{4} = \frac{7}{9} \times \frac{15}{4} = \frac{105}{36} = \frac{35}{12} = 2\frac{11}{12}$$

$$5. \frac{1}{2} \times 3\frac{1}{7} = \frac{1}{2} \times \frac{22}{7} = \frac{22}{14} = \frac{11}{7} = 1\frac{4}{7}$$

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

$$7. 2\frac{1}{2} \div \frac{5}{8} = \frac{5}{2} \div \frac{5}{8} = \frac{5}{2} \times \frac{8}{5} = \frac{40}{10} = 4$$

$$8. \frac{1}{3} \times 2\frac{2}{5} = \frac{1}{3} \times \frac{12}{5} = \frac{12}{15} = \frac{4}{5}$$

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

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

Multiplying and Dividing Proper and Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. 3\frac{1}{3} \div \frac{7}{9} = \frac{10}{3} \div \frac{7}{9} = \frac{10}{3} \times \frac{9}{7} = \frac{90}{21} = \frac{30}{7} = 4\frac{2}{7}$$

$$4. \frac{1}{8} \div 3\frac{3}{4} = \frac{1}{8} \div \frac{15}{4} = \frac{1}{8} \times \frac{4}{15} = \frac{4}{120} = \frac{1}{30}$$

$$5. 3\frac{1}{2} \div \frac{3}{4} = \frac{7}{2} \div \frac{3}{4} = \frac{7}{2} \times \frac{4}{3} = \frac{28}{6} = \frac{14}{3} = 4\frac{2}{3}$$

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

$$7. \frac{1}{3} \times 2\frac{1}{4} = \frac{1}{3} \times \frac{9}{4} = \frac{9}{12} = \frac{3}{4}$$

$$8. 1\frac{3}{5} \times \frac{5}{7} = \frac{8}{5} \times \frac{5}{7} = \frac{40}{35} = \frac{8}{7} = 1\frac{1}{7}$$

$$9. 2\frac{3}{4} \times \frac{2}{3} = \frac{11}{4} \times \frac{2}{3} = \frac{22}{12} = \frac{11}{6} = 1\frac{5}{6}$$

$$10. \frac{4}{9} \times 3\frac{1}{4} = \frac{4}{9} \times \frac{13}{4} = \frac{52}{36} = \frac{13}{9} = 1\frac{4}{9}$$

Multiplying and Dividing Proper and Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{3}{4} \times 3\frac{2}{3} = \frac{3}{4} \times \frac{11}{3} = \frac{33}{12} = \frac{11}{4} = 2\frac{3}{4}$$

$$2. \quad 3\frac{3}{5} \times \frac{3}{8} = \frac{18}{5} \times \frac{3}{8} = \frac{54}{40} = \frac{27}{20} = 1\frac{7}{20}$$

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

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

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

$$6. \quad 1\frac{5}{9} \times \frac{1}{2} = \frac{14}{9} \times \frac{1}{2} = \frac{14}{18} = \frac{7}{9}$$

$$7. \quad 3\frac{7}{9} \times \frac{6}{7} = \frac{34}{9} \times \frac{6}{7} = \frac{204}{63} = \frac{68}{21} = 3\frac{5}{21}$$

$$8. \quad \frac{2}{3} \div 2\frac{4}{9} = \frac{2}{3} \div \frac{22}{9} = \frac{2}{3} \times \frac{9}{22} = \frac{18}{66} = \frac{3}{11}$$

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

$$10. \quad 2\frac{2}{5} \div \frac{3}{5} = \frac{12}{5} \div \frac{3}{5} = \frac{12}{5} \times \frac{5}{3} = \frac{60}{15} = 4$$

Multiplying and Dividing Proper and Mixed Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

$$3. \frac{1}{4} \times 2\frac{2}{9} = \frac{1}{4} \times \frac{20}{9} = \frac{20}{36} = \frac{5}{9}$$

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

$$5. 2\frac{2}{7} \times \frac{1}{4} = \frac{16}{7} \times \frac{1}{4} = \frac{16}{28} = \frac{4}{7}$$

$$6. 2\frac{2}{5} \times \frac{1}{8} = \frac{12}{5} \times \frac{1}{8} = \frac{12}{40} = \frac{3}{10}$$

$$7. 1\frac{1}{7} \div \frac{2}{3} = \frac{8}{7} \div \frac{2}{3} = \frac{8}{7} \times \frac{3}{2} = \frac{24}{14} = \frac{12}{7} = 1\frac{5}{7}$$

$$8. 2\frac{5}{6} \div \frac{2}{3} = \frac{17}{6} \div \frac{2}{3} = \frac{17}{6} \times \frac{3}{2} = \frac{51}{12} = \frac{17}{4} = 4\frac{1}{4}$$

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

$$10. 1\frac{1}{2} \times \frac{5}{6} = \frac{3}{2} \times \frac{5}{6} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

Multiplying and Dividing Proper and Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \frac{4}{7} \times 2\frac{3}{4} = \frac{4}{7} \times \frac{11}{4} = \frac{44}{28} = \frac{11}{7} = 1\frac{4}{7}$$

$$3. \frac{5}{6} \times 1\frac{2}{7} = \frac{5}{6} \times \frac{9}{7} = \frac{45}{42} = \frac{15}{14} = 1\frac{1}{14}$$

$$4. \frac{4}{7} \div 1\frac{7}{9} = \frac{4}{7} \div \frac{16}{9} = \frac{4}{7} \times \frac{9}{16} = \frac{36}{112} = \frac{9}{28}$$

$$5. \frac{1}{2} \div 2\frac{3}{4} = \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

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

$$7. \frac{1}{4} \div 2\frac{1}{4} = \frac{1}{4} \div \frac{9}{4} = \frac{1}{4} \times \frac{4}{9} = \frac{4}{36} = \frac{1}{9}$$

$$8. \frac{6}{7} \times 2\frac{1}{3} = \frac{6}{7} \times \frac{7}{3} = \frac{42}{21} = 2$$

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

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

Multiplying and Dividing Proper and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $1\frac{1}{5} \div \frac{4}{9} =$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{1}{3} \div 3\frac{1}{3} = \frac{1}{3} \div \frac{10}{3} = \frac{1}{3} \times \frac{3}{10} = \frac{3}{30} = \frac{1}{10}$$

$$2. \frac{1}{2} \times 1\frac{1}{9} = \frac{1}{2} \times \frac{10}{9} = \frac{10}{18} = \frac{5}{9}$$

$$3. 1\frac{1}{3} \div \frac{4}{5} = \frac{4}{3} \div \frac{4}{5} = \frac{4}{3} \times \frac{5}{4} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$4. \frac{5}{8} \times 3\frac{3}{5} = \frac{5}{8} \times \frac{18}{5} = \frac{90}{40} = \frac{9}{4} = 2\frac{1}{4}$$

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

$$6. 1\frac{1}{2} \div \frac{7}{8} = \frac{3}{2} \div \frac{7}{8} = \frac{3}{2} \times \frac{8}{7} = \frac{24}{14} = \frac{12}{7} = 1\frac{5}{7}$$

$$7. 1\frac{1}{5} \div \frac{4}{9} = \frac{6}{5} \div \frac{4}{9} = \frac{6}{5} \times \frac{9}{4} = \frac{54}{20} = \frac{27}{10} = 2\frac{7}{10}$$

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

$$9. \frac{1}{3} \times 3\frac{3}{4} = \frac{1}{3} \times \frac{15}{4} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

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