

## Multiplying and Dividing Various Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

2.  $\frac{20}{7} \div 3\frac{4}{5} =$

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

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

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

6.  $\frac{16}{9} \times \frac{1}{5} =$

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

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

9.  $\frac{20}{7} \div \frac{7}{9} =$

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

## Multiplying and Dividing Various Fractions (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad 1\frac{2}{3} \times \frac{11}{9} = \frac{5}{3} \times \frac{11}{9} = \frac{55}{27} = 2\frac{1}{27}$$

$$2. \quad \frac{20}{7} \div 3\frac{4}{5} = \frac{20}{7} \div \frac{19}{5} = \frac{20}{7} \times \frac{5}{19} = \frac{100}{133}$$

$$3. \quad \frac{1}{9} \div \frac{9}{4} = \frac{1}{9} \div \frac{9}{4} = \frac{1}{9} \times \frac{4}{9} = \frac{4}{81}$$

$$4. \quad 2\frac{3}{4} \times 1\frac{6}{7} = \frac{11}{4} \times \frac{13}{7} = \frac{143}{28} = 5\frac{3}{28}$$

$$5. \quad 2\frac{1}{4} \times \frac{7}{2} = \frac{9}{4} \times \frac{7}{2} = \frac{63}{8} = 7\frac{7}{8}$$

$$6. \quad \frac{16}{9} \times \frac{1}{5} = \frac{16}{9} \times \frac{1}{5} = \frac{16}{45}$$

$$7. \quad 2\frac{1}{3} \div 3\frac{2}{5} = \frac{7}{3} \div \frac{17}{5} = \frac{7}{3} \times \frac{5}{17} = \frac{35}{51}$$

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

$$9. \quad \frac{20}{7} \div \frac{7}{9} = \frac{20}{7} \div \frac{7}{9} = \frac{20}{7} \times \frac{9}{7} = \frac{180}{49} = 3\frac{33}{49}$$

$$10. \quad 2\frac{2}{7} \div 1\frac{2}{3} = \frac{16}{7} \div \frac{5}{3} = \frac{16}{7} \times \frac{3}{5} = \frac{48}{35} = 1\frac{13}{35}$$

## Multiplying and Dividing Various Fractions (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

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

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

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

6.  $\frac{19}{8} \div 2\frac{3}{5} =$

7.  $\frac{31}{8} \times \frac{13}{4} =$

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

9.  $\frac{10}{3} \times \frac{23}{9} =$

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

## Multiplying and Dividing Various Fractions (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad 3\frac{5}{7} \div \frac{9}{5} = \frac{26}{7} \div \frac{9}{5} = \frac{26}{7} \times \frac{5}{9} = \frac{130}{63} = 2\frac{4}{63}$$

$$2. \quad \frac{3}{5} \div \frac{10}{3} = \frac{3}{5} \times \frac{3}{10} = \frac{9}{50}$$

$$3. \quad \frac{5}{2} \div \frac{4}{7} = \frac{5}{2} \div \frac{4}{7} = \frac{5}{2} \times \frac{7}{4} = \frac{35}{8} = 4\frac{3}{8}$$

$$4. \quad 2\frac{3}{7} \div 3\frac{1}{9} = \frac{17}{7} \div \frac{28}{9} = \frac{17}{7} \times \frac{9}{28} = \frac{153}{196}$$

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

$$6. \quad \frac{19}{8} \div 2\frac{3}{5} = \frac{19}{8} \div \frac{13}{5} = \frac{19}{8} \times \frac{5}{13} = \frac{95}{104}$$

$$7. \quad \frac{31}{8} \times \frac{13}{4} = \frac{403}{32} = 12\frac{19}{32}$$

$$8. \quad \frac{5}{2} \times \frac{15}{4} = \frac{75}{8} = 9\frac{3}{8}$$

$$9. \quad \frac{10}{3} \times \frac{23}{9} = \frac{230}{27} = 8\frac{14}{27}$$

$$10. \quad \frac{1}{7} \times 3\frac{6}{7} = \frac{1}{7} \times \frac{27}{7} = \frac{27}{49}$$

## Multiplying and Dividing Various Fractions (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

2.  $2\frac{1}{3} \times \frac{13}{6} =$

3.  $\frac{14}{5} \times \frac{11}{5} =$

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

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

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

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

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

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

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

## Multiplying and Dividing Various Fractions (C) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad 1\frac{1}{5} \times \frac{6}{7} = \frac{6}{5} \times \frac{6}{7} = \frac{36}{35} = 1\frac{1}{35}$$

$$2. \quad 2\frac{1}{3} \times \frac{13}{6} = \frac{7}{3} \times \frac{13}{6} = \frac{91}{18} = 5\frac{1}{18}$$

$$3. \quad \frac{14}{5} \times \frac{11}{5} = \frac{154}{25} = 6\frac{4}{25}$$

$$4. \quad 3\frac{1}{6} \times 2\frac{1}{2} = \frac{19}{6} \times \frac{5}{2} = \frac{95}{12} = 7\frac{11}{12}$$

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

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

$$7. \quad 3\frac{1}{2} \div \frac{2}{9} = \frac{7}{2} \div \frac{2}{9} = \frac{7}{2} \times \frac{9}{2} = \frac{63}{4} = 15\frac{3}{4}$$

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

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

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

## Multiplying and Dividing Various Fractions (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $\frac{19}{6} \div \frac{2}{5} =$

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

3.  $\frac{23}{9} \div 1\frac{1}{2} =$

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

5.  $3\frac{7}{9} \times \frac{10}{7} =$

6.  $2\frac{5}{6} \div \frac{16}{5} =$

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

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

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

10.  $\frac{22}{7} \div \frac{3}{2} =$

## Multiplying and Dividing Various Fractions (D) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad \frac{19}{6} \div \frac{2}{5} = \frac{19}{6} \div \frac{2}{5} = \frac{19}{6} \times \frac{5}{2} = \frac{95}{12} = 7\frac{11}{12}$$

$$2. \quad 3\frac{2}{3} \times \frac{7}{3} = \frac{11}{3} \times \frac{7}{3} = \frac{77}{9} = 8\frac{5}{9}$$

$$3. \quad \frac{23}{9} \div 1\frac{1}{2} = \frac{23}{9} \div \frac{3}{2} = \frac{23}{9} \times \frac{2}{3} = \frac{46}{27} = 1\frac{19}{27}$$

$$4. \quad 3\frac{2}{7} \times \frac{1}{3} = \frac{23}{7} \times \frac{1}{3} = \frac{23}{21} = 1\frac{2}{21}$$

$$5. \quad 3\frac{7}{9} \times \frac{10}{7} = \frac{34}{9} \times \frac{10}{7} = \frac{340}{63} = 5\frac{25}{63}$$

$$6. \quad 2\frac{5}{6} \div \frac{16}{5} = \frac{17}{6} \div \frac{16}{5} = \frac{17}{6} \times \frac{5}{16} = \frac{85}{96}$$

$$7. \quad \frac{7}{4} \div 2\frac{1}{7} = \frac{7}{4} \div \frac{15}{7} = \frac{7}{4} \times \frac{7}{15} = \frac{49}{60}$$

$$8. \quad 3\frac{1}{5} \times \frac{3}{5} = \frac{16}{5} \times \frac{3}{5} = \frac{48}{25} = 1\frac{23}{25}$$

$$9. \quad \frac{8}{3} \times \frac{8}{3} = \frac{64}{9} = 7\frac{1}{9}$$

$$10. \quad \frac{22}{7} \div \frac{3}{2} = \frac{22}{7} \times \frac{2}{3} = \frac{44}{21} = 2\frac{2}{21}$$



## Multiplying and Dividing Various Fractions (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $\frac{23}{8} \times 2\frac{1}{2} =$

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

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

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

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

6.  $\frac{6}{5} \div \frac{11}{6} =$

7.  $\frac{13}{5} \div \frac{29}{8} =$

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

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

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

## Multiplying and Dividing Various Fractions (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \frac{23}{8} \times 2\frac{1}{2} = \frac{23}{8} \times \frac{5}{2} = \frac{115}{16} = 7\frac{3}{16}$$

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

$$3. 2\frac{4}{5} \times 1\frac{4}{9} = \frac{14}{5} \times \frac{13}{9} = \frac{182}{45} = 4\frac{2}{45}$$

$$4. \frac{8}{3} \times \frac{4}{3} = \frac{32}{9} = 3\frac{5}{9}$$

$$5. 3\frac{2}{9} \times 3\frac{8}{9} = \frac{29}{9} \times \frac{35}{9} = \frac{1015}{81} = 12\frac{43}{81}$$

$$6. \frac{6}{5} \div \frac{11}{6} = \frac{6}{5} \times \frac{6}{11} = \frac{36}{55}$$

$$7. \frac{13}{5} \div \frac{29}{8} = \frac{13}{5} \times \frac{8}{29} = \frac{104}{145}$$

$$8. 3\frac{1}{3} \div 3\frac{1}{2} = \frac{10}{3} \div \frac{7}{2} = \frac{10}{3} \times \frac{2}{7} = \frac{20}{21}$$

$$9. \frac{8}{3} \div \frac{5}{2} = \frac{8}{3} \times \frac{2}{5} = \frac{16}{15} = 1\frac{1}{15}$$

$$10. \frac{2}{5} \div 2\frac{1}{2} = \frac{2}{5} \div \frac{5}{2} = \frac{2}{5} \times \frac{2}{5} = \frac{4}{25}$$

## Multiplying and Dividing Various Fractions (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

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

4.  $\frac{13}{6} \times \frac{25}{7} =$

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

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

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

8.  $\frac{23}{9} \div \frac{9}{4} =$

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

10.  $\frac{13}{7} \div \frac{3}{4} =$

## Multiplying and Dividing Various Fractions (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad 2\frac{2}{3} \div \frac{9}{8} = \frac{8}{3} \div \frac{9}{8} = \frac{8}{3} \times \frac{8}{9} = \frac{64}{27} = 2\frac{10}{27}$$

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

$$3. \quad 3\frac{4}{7} \div \frac{7}{8} = \frac{25}{7} \div \frac{7}{8} = \frac{25}{7} \times \frac{8}{7} = \frac{200}{49} = 4\frac{4}{49}$$

$$4. \quad \frac{13}{6} \times \frac{25}{7} = \frac{325}{42} = 7\frac{31}{42}$$

$$5. \quad \frac{7}{4} \times 2\frac{3}{4} = \frac{7}{4} \times \frac{11}{4} = \frac{77}{16} = 4\frac{13}{16}$$

$$6. \quad 3\frac{1}{7} \div 3\frac{1}{2} = \frac{22}{7} \div \frac{7}{2} = \frac{22}{7} \times \frac{2}{7} = \frac{44}{49}$$

$$7. \quad 3\frac{2}{5} \times \frac{8}{3} = \frac{17}{5} \times \frac{8}{3} = \frac{136}{15} = 9\frac{1}{15}$$

$$8. \quad \frac{23}{9} \div \frac{9}{4} = \frac{23}{9} \times \frac{4}{9} = \frac{92}{81} = 1\frac{11}{81}$$

$$9. \quad 2\frac{7}{9} \times 2\frac{1}{3} = \frac{25}{9} \times \frac{7}{3} = \frac{175}{27} = 6\frac{13}{27}$$

$$10. \quad \frac{13}{7} \div \frac{3}{4} = \frac{13}{7} \times \frac{4}{3} = \frac{52}{21} = 2\frac{10}{21}$$

## Multiplying and Dividing Various Fractions (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $\frac{11}{3} \times \frac{8}{9} =$

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

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

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

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

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

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

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

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

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

## Multiplying and Dividing Various Fractions (G) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad \frac{11}{3} \times \frac{8}{9} = \frac{11}{3} \times \frac{8}{9} = \frac{88}{27} = 3\frac{7}{27}$$

$$2. \quad 2\frac{1}{4} \div 3\frac{1}{3} = \frac{9}{4} \div \frac{10}{3} = \frac{9}{4} \times \frac{3}{10} = \frac{27}{40}$$

$$3. \quad 2\frac{6}{7} \times \frac{3}{7} = \frac{20}{7} \times \frac{3}{7} = \frac{60}{49} = 1\frac{11}{49}$$

$$4. \quad 3\frac{1}{7} \times 1\frac{6}{7} = \frac{22}{7} \times \frac{13}{7} = \frac{286}{49} = 5\frac{41}{49}$$

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

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

$$7. \quad 2\frac{2}{9} \div \frac{1}{2} = \frac{20}{9} \div \frac{1}{2} = \frac{20}{9} \times \frac{2}{1} = \frac{40}{9} = 4\frac{4}{9}$$

$$8. \quad \frac{1}{6} \div 3\frac{3}{5} = \frac{1}{6} \div \frac{18}{5} = \frac{1}{6} \times \frac{5}{18} = \frac{5}{108}$$

$$9. \quad 3\frac{3}{4} \div \frac{2}{3} = \frac{15}{4} \div \frac{2}{3} = \frac{15}{4} \times \frac{3}{2} = \frac{45}{8} = 5\frac{5}{8}$$

$$10. \quad 1\frac{3}{7} \div \frac{7}{3} = \frac{10}{7} \div \frac{7}{3} = \frac{10}{7} \times \frac{3}{7} = \frac{30}{49}$$

## Multiplying and Dividing Various Fractions (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $2\frac{2}{3} \div \frac{11}{8} =$

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

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

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

5.  $\frac{26}{7} \times 2\frac{5}{9} =$

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

7.  $\frac{19}{5} \div \frac{10}{3} =$

8.  $\frac{7}{4} \times 3\frac{5}{6} =$

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

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

## Multiplying and Dividing Various Fractions (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad 2\frac{2}{3} \div \frac{11}{8} = \frac{8}{3} \div \frac{11}{8} = \frac{8}{3} \times \frac{8}{11} = \frac{64}{33} = 1\frac{31}{33}$$

$$2. \quad \frac{8}{3} \div \frac{7}{2} = \frac{8}{3} \times \frac{2}{7} = \frac{16}{21}$$

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

$$4. \quad \frac{5}{2} \div 2\frac{2}{5} = \frac{5}{2} \div \frac{12}{5} = \frac{5}{2} \times \frac{5}{12} = \frac{25}{24} = 1\frac{1}{24}$$

$$5. \quad \frac{26}{7} \times 2\frac{5}{9} = \frac{26}{7} \times \frac{23}{9} = \frac{598}{63} = 9\frac{31}{63}$$

$$6. \quad \frac{21}{8} \times \frac{3}{2} = \frac{63}{16} = 3\frac{15}{16}$$

$$7. \quad \frac{19}{5} \div \frac{10}{3} = \frac{19}{5} \times \frac{3}{10} = \frac{57}{50} = 1\frac{7}{50}$$

$$8. \quad \frac{7}{4} \times 3\frac{5}{6} = \frac{7}{4} \times \frac{23}{6} = \frac{161}{24} = 6\frac{17}{24}$$

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

$$10. \quad \frac{2}{3} \times 1\frac{3}{5} = \frac{2}{3} \times \frac{8}{5} = \frac{16}{15} = 1\frac{1}{15}$$



## Multiplying and Dividing Various Fractions (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

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

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

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

4.  $1\frac{6}{7} \times \frac{5}{8} =$

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

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

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

8.  $\frac{19}{5} \div \frac{3}{7} =$

9.  $2\frac{2}{5} \div \frac{25}{8} =$

10.  $\frac{29}{8} \div 3\frac{2}{3} =$

## Multiplying and Dividing Various Fractions (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad 2\frac{1}{3} \times 3\frac{1}{3} = \frac{7}{3} \times \frac{10}{3} = \frac{70}{9} = 7\frac{7}{9}$$

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

$$3. \quad 2\frac{1}{3} \times \frac{8}{5} = \frac{7}{3} \times \frac{8}{5} = \frac{56}{15} = 3\frac{11}{15}$$

$$4. \quad 1\frac{6}{7} \times \frac{5}{8} = \frac{13}{7} \times \frac{5}{8} = \frac{65}{56} = 1\frac{9}{56}$$

$$5. \quad 1\frac{1}{3} \times 2\frac{3}{5} = \frac{4}{3} \times \frac{13}{5} = \frac{52}{15} = 3\frac{7}{15}$$

$$6. \quad 2\frac{2}{5} \div 1\frac{1}{6} = \frac{12}{5} \div \frac{7}{6} = \frac{12}{5} \times \frac{6}{7} = \frac{72}{35} = 2\frac{2}{35}$$

$$7. \quad 2\frac{1}{3} \div \frac{9}{5} = \frac{7}{3} \div \frac{9}{5} = \frac{7}{3} \times \frac{5}{9} = \frac{35}{27} = 1\frac{8}{27}$$

$$8. \quad \frac{19}{5} \div \frac{3}{7} = \frac{19}{5} \div \frac{3}{7} = \frac{19}{5} \times \frac{7}{3} = \frac{133}{15} = 8\frac{13}{15}$$

$$9. \quad 2\frac{2}{5} \div \frac{25}{8} = \frac{12}{5} \div \frac{25}{8} = \frac{12}{5} \times \frac{8}{25} = \frac{96}{125}$$

$$10. \quad \frac{29}{8} \div 3\frac{2}{3} = \frac{29}{8} \div \frac{11}{3} = \frac{29}{8} \times \frac{3}{11} = \frac{87}{88}$$

## Multiplying and Dividing Various Fractions (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $\frac{16}{5} \div \frac{19}{8} =$

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

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

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

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

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

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

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

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

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

## Multiplying and Dividing Various Fractions (J) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad \frac{16}{5} \div \frac{19}{8} = \frac{16}{5} \times \frac{8}{19} = \frac{128}{95} = 1\frac{33}{95}$$

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

$$3. \quad \frac{8}{7} \times 3\frac{2}{3} = \frac{8}{7} \times \frac{11}{3} = \frac{88}{21} = 4\frac{4}{21}$$

$$4. \quad 3\frac{4}{9} \div 3\frac{1}{5} = \frac{31}{9} \div \frac{16}{5} = \frac{31}{9} \times \frac{5}{16} = \frac{155}{144} = 1\frac{11}{144}$$

$$5. \quad \frac{4}{5} \div \frac{9}{4} = \frac{4}{5} \times \frac{4}{9} = \frac{16}{45}$$

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

$$7. \quad \frac{2}{5} \div \frac{5}{7} = \frac{2}{5} \times \frac{7}{5} = \frac{14}{25}$$

$$8. \quad \frac{1}{4} \times \frac{25}{8} = \frac{25}{32}$$

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

$$10. \quad \frac{8}{3} \times \frac{10}{3} = \frac{80}{9} = 8\frac{8}{9}$$