

## Multiplying and Dividing Various Fractions (A)

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

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

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

Calculate each result.

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

2.  $\frac{2}{3} \times \frac{20}{9} =$

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

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

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

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

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

8.  $1\frac{6}{7} \div \frac{17}{9} =$

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

10.  $\frac{29}{8} \div \frac{5}{2} =$

## Multiplying and Dividing Various Fractions (A) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{11}{5} \times 2\frac{1}{2} = \frac{11}{5} \times \frac{5}{2} = \frac{55}{10} = \frac{11}{2} = 5\frac{1}{2}$$

$$2. \quad \frac{2}{3} \times \frac{20}{9} = \frac{40}{27} = 1\frac{13}{27}$$

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

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

$$5. \quad 3\frac{2}{3} \div \frac{5}{3} = \frac{11}{3} \div \frac{5}{3} = \frac{11}{3} \times \frac{3}{5} = \frac{33}{15} = \frac{11}{5} = 2\frac{1}{5}$$

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

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

$$8. \quad 1\frac{6}{7} \div \frac{17}{9} = \frac{13}{7} \div \frac{17}{9} = \frac{13}{7} \times \frac{9}{17} = \frac{117}{119}$$

$$9. \quad \frac{32}{9} \times \frac{8}{3} = \frac{256}{27} = 9\frac{13}{27}$$

$$10. \quad \frac{29}{8} \div \frac{5}{2} = \frac{29}{8} \times \frac{2}{5} = \frac{58}{40} = \frac{29}{20} = 1\frac{9}{20}$$

## Multiplying and Dividing Various Fractions (B)

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

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

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

Calculate each result.

1.  $\frac{2}{9} \div \frac{19}{9} =$

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

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

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

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

6.  $1\frac{4}{7} \div 3\frac{4}{5} =$

7.  $\frac{1}{2} \div \frac{11}{4} =$

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

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

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

## Multiplying and Dividing Various Fractions (B) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{2}{9} \div \frac{19}{9} = \frac{2}{9} \div \frac{19}{9} = \frac{2}{9} \times \frac{9}{19} = \frac{18}{171} = \frac{2}{19}$$

$$2. \quad 2\frac{7}{8} \div 3\frac{1}{2} = \frac{23}{8} \div \frac{7}{2} = \frac{23}{8} \times \frac{2}{7} = \frac{46}{56} = \frac{23}{28}$$

$$3. \quad 1\frac{1}{9} \times \frac{8}{5} = \frac{10}{9} \times \frac{8}{5} = \frac{80}{45} = \frac{16}{9} = 1\frac{7}{9}$$

$$4. \quad 2\frac{1}{5} \times 2\frac{1}{2} = \frac{11}{5} \times \frac{5}{2} = \frac{55}{10} = \frac{11}{2} = 5\frac{1}{2}$$

$$5. \quad 1\frac{2}{7} \div \frac{14}{5} = \frac{9}{7} \div \frac{14}{5} = \frac{9}{7} \times \frac{5}{14} = \frac{45}{98}$$

$$6. \quad 1\frac{4}{7} \div 3\frac{4}{5} = \frac{11}{7} \div \frac{19}{5} = \frac{11}{7} \times \frac{5}{19} = \frac{55}{133}$$

$$7. \quad \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$8. \quad 1\frac{7}{9} \times \frac{5}{2} = \frac{16}{9} \times \frac{5}{2} = \frac{80}{18} = \frac{40}{9} = 4\frac{4}{9}$$

$$9. \quad \frac{5}{4} \times \frac{4}{3} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$10. \quad \frac{1}{8} \times 2\frac{2}{3} = \frac{1}{8} \times \frac{8}{3} = \frac{8}{24} = \frac{1}{3}$$

## Multiplying and Dividing Various Fractions (C)

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

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

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

Calculate each result.

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

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

3.  $\frac{19}{8} \div \frac{11}{4} =$

4.  $\frac{1}{6} \times \frac{21}{8} =$

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

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

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

8.  $1\frac{3}{8} \times \frac{13}{9} =$

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

10.  $\frac{23}{7} \times 2\frac{1}{2} =$

## Multiplying and Dividing Various Fractions (C) Answers

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

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

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

Calculate each result.

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

$$2. \quad 3\frac{5}{7} \div 3\frac{7}{8} = \frac{26}{7} \div \frac{31}{8} = \frac{26}{7} \times \frac{8}{31} = \frac{208}{217}$$

$$3. \quad \frac{19}{8} \div \frac{11}{4} = \frac{19}{8} \times \frac{4}{11} = \frac{76}{88} = \frac{19}{22}$$

$$4. \quad \frac{1}{6} \times \frac{21}{8} = \frac{1}{6} \times \frac{21}{8} = \frac{21}{48} = \frac{7}{16}$$

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

$$6. \quad \frac{7}{3} \times 2\frac{1}{3} = \frac{7}{3} \times \frac{7}{3} = \frac{49}{9} = 5\frac{4}{9}$$

$$7. \quad 2\frac{1}{2} \div 3\frac{1}{4} = \frac{5}{2} \div \frac{13}{4} = \frac{5}{2} \times \frac{4}{13} = \frac{20}{26} = \frac{10}{13}$$

$$8. \quad 1\frac{3}{8} \times \frac{13}{9} = \frac{11}{8} \times \frac{13}{9} = \frac{143}{72} = 1\frac{71}{72}$$

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

$$10. \quad \frac{23}{7} \times 2\frac{1}{2} = \frac{23}{7} \times \frac{5}{2} = \frac{115}{14} = 8\frac{3}{14}$$

## Multiplying and Dividing Various Fractions (D)

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

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

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

Calculate each result.

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

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

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

4.  $\frac{34}{9} \times \frac{19}{8} =$

5.  $\frac{11}{3} \div \frac{10}{3} =$

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

7.  $\frac{23}{7} \div 3\frac{4}{9} =$

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

9.  $1\frac{2}{3} \times \frac{12}{5} =$

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

## Multiplying and Dividing Various Fractions (D) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{7}{9} \div \frac{9}{5} = \frac{25}{9} \div \frac{9}{5} = \frac{25}{9} \times \frac{5}{9} = \frac{125}{81} = 1\frac{44}{81}$$

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

$$3. \quad \frac{4}{7} \div 1\frac{1}{6} = \frac{4}{7} \div \frac{7}{6} = \frac{4}{7} \times \frac{6}{7} = \frac{24}{49}$$

$$4. \quad \frac{34}{9} \times \frac{19}{8} = \frac{646}{72} = \frac{323}{36} = 8\frac{35}{36}$$

$$5. \quad \frac{11}{3} \div \frac{10}{3} = \frac{11}{3} \times \frac{3}{10} = \frac{33}{30} = \frac{11}{10} = 1\frac{1}{10}$$

$$6. \quad 3\frac{3}{7} \times 3\frac{4}{7} = \frac{24}{7} \times \frac{25}{7} = \frac{600}{49} = 12\frac{12}{49}$$

$$7. \quad \frac{23}{7} \div 3\frac{4}{9} = \frac{23}{7} \div \frac{31}{9} = \frac{23}{7} \times \frac{9}{31} = \frac{207}{217}$$

$$8. \quad 2\frac{4}{5} \times 2\frac{3}{7} = \frac{14}{5} \times \frac{17}{7} = \frac{238}{35} = \frac{34}{5} = 6\frac{4}{5}$$

$$9. \quad 1\frac{2}{3} \times \frac{12}{5} = \frac{5}{3} \times \frac{12}{5} = \frac{60}{15} = 4$$

$$10. \quad 2\frac{1}{7} \div \frac{3}{2} = \frac{15}{7} \div \frac{3}{2} = \frac{15}{7} \times \frac{2}{3} = \frac{30}{21} = \frac{10}{7} = 1\frac{3}{7}$$



## Multiplying and Dividing Various Fractions (E)

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

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

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

Calculate each result.

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

2.  $\frac{25}{8} \div 1\frac{8}{9} =$

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

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

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

6.  $2\frac{1}{9} \div \frac{9}{8} =$

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

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

9.  $\frac{4}{5} \times \frac{13}{4} =$

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

## Multiplying and Dividing Various Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{1}{2} \div 3\frac{1}{3} = \frac{5}{2} \div \frac{10}{3} = \frac{5}{2} \times \frac{3}{10} = \frac{15}{20} = \frac{3}{4}$$

$$2. \quad \frac{25}{8} \div 1\frac{8}{9} = \frac{25}{8} \div \frac{17}{9} = \frac{25}{8} \times \frac{9}{17} = \frac{225}{136} = 1\frac{89}{136}$$

$$3. \quad \frac{7}{6} \times 2\frac{1}{2} = \frac{7}{6} \times \frac{5}{2} = \frac{35}{12} = 2\frac{11}{12}$$

$$4. \quad 3\frac{1}{3} \div 3\frac{1}{2} = \frac{10}{3} \div \frac{7}{2} = \frac{10}{3} \times \frac{2}{7} = \frac{20}{21}$$

$$5. \quad 3\frac{1}{2} \times \frac{10}{9} = \frac{7}{2} \times \frac{10}{9} = \frac{70}{18} = \frac{35}{9} = 3\frac{8}{9}$$

$$6. \quad 2\frac{1}{9} \div \frac{9}{8} = \frac{19}{9} \div \frac{9}{8} = \frac{19}{9} \times \frac{8}{9} = \frac{152}{81} = 1\frac{71}{81}$$

$$7. \quad \frac{1}{4} \div 3\frac{6}{7} = \frac{1}{4} \div \frac{27}{7} = \frac{1}{4} \times \frac{7}{27} = \frac{7}{108}$$

$$8. \quad 1\frac{1}{4} \times \frac{16}{5} = \frac{5}{4} \times \frac{16}{5} = \frac{80}{20} = 4$$

$$9. \quad \frac{4}{5} \times \frac{13}{4} = \frac{52}{20} = \frac{13}{5} = 2\frac{3}{5}$$

$$10. \quad \frac{8}{9} \times 1\frac{3}{8} = \frac{8}{9} \times \frac{11}{8} = \frac{88}{72} = \frac{11}{9} = 1\frac{2}{9}$$

## Multiplying and Dividing Various Fractions (F)

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

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

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

Calculate each result.

1.  $2\frac{1}{9} \div \frac{22}{9} =$

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

3.  $\frac{11}{5} \times \frac{4}{9} =$

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

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

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

7.  $\frac{1}{2} \div \frac{29}{9} =$

8.  $\frac{7}{2} \times \frac{19}{8} =$

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

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

## Multiplying and Dividing Various Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{1}{9} \div \frac{22}{9} = \frac{19}{9} \div \frac{22}{9} = \frac{19}{9} \times \frac{9}{22} = \frac{171}{198} = \frac{19}{22}$$

$$2. \quad 2\frac{2}{3} \times 3\frac{1}{2} = \frac{8}{3} \times \frac{7}{2} = \frac{56}{6} = \frac{28}{3} = 9\frac{1}{3}$$

$$3. \quad \frac{11}{5} \times \frac{4}{9} = \frac{44}{45}$$

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

$$5. \quad 3\frac{1}{2} \div 1\frac{7}{8} = \frac{7}{2} \div \frac{15}{8} = \frac{7}{2} \times \frac{8}{15} = \frac{56}{30} = \frac{28}{15} = 1\frac{13}{15}$$

$$6. \quad 3\frac{2}{7} \div \frac{3}{5} = \frac{23}{7} \div \frac{3}{5} = \frac{23}{7} \times \frac{5}{3} = \frac{115}{21} = 5\frac{10}{21}$$

$$7. \quad \frac{1}{2} \div \frac{29}{9} = \frac{1}{2} \times \frac{9}{29} = \frac{9}{58}$$

$$8. \quad \frac{7}{2} \times \frac{19}{8} = \frac{133}{16} = 8\frac{5}{16}$$

$$9. \quad \frac{9}{4} \times 3\frac{1}{2} = \frac{9}{4} \times \frac{7}{2} = \frac{63}{8} = 7\frac{7}{8}$$

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

## Multiplying and Dividing Various Fractions (G)

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

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

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

Calculate each result.

1.  $\frac{18}{5} \div \frac{1}{2} =$

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

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

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

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

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

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

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

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

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

## Multiplying and Dividing Various Fractions (G) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{18}{5} \div \frac{1}{2} = \frac{18}{5} \div \frac{1}{2} = \frac{18}{5} \times \frac{2}{1} = \frac{36}{5} = 7\frac{1}{5}$$

$$2. \quad 2\frac{4}{5} \div 2\frac{3}{4} = \frac{14}{5} \div \frac{11}{4} = \frac{14}{5} \times \frac{4}{11} = \frac{56}{55} = 1\frac{1}{55}$$

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

$$4. \quad \frac{9}{5} \times 2\frac{4}{5} = \frac{9}{5} \times \frac{14}{5} = \frac{126}{25} = 5\frac{1}{25}$$

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

$$6. \quad 2\frac{1}{2} \div \frac{11}{3} = \frac{5}{2} \div \frac{11}{3} = \frac{5}{2} \times \frac{3}{11} = \frac{15}{22}$$

$$7. \quad \frac{15}{4} \times 3\frac{1}{2} = \frac{15}{4} \times \frac{7}{2} = \frac{105}{8} = 13\frac{1}{8}$$

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

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

$$10. \quad \frac{2}{3} \times \frac{1}{8} = \frac{2}{3} \times \frac{1}{8} = \frac{2}{24} = \frac{1}{12}$$

## Multiplying and Dividing Various Fractions (H)

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

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

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

Calculate each result.

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

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

3.  $\frac{16}{5} \div \frac{10}{3} =$

4.  $\frac{11}{4} \times \frac{6}{7} =$

5.  $\frac{6}{7} \div 2\frac{5}{9} =$

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

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

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

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

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

## Multiplying and Dividing Various Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{1}{5} \div \frac{3}{4} = \frac{16}{5} \div \frac{3}{4} = \frac{16}{5} \times \frac{4}{3} = \frac{64}{15} = 4\frac{4}{15}$$

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

$$3. \quad \frac{16}{5} \div \frac{10}{3} = \frac{16}{5} \times \frac{3}{10} = \frac{48}{50} = \frac{24}{25}$$

$$4. \quad \frac{11}{4} \times \frac{6}{7} = \frac{11}{4} \times \frac{6}{7} = \frac{66}{28} = \frac{33}{14} = 2\frac{5}{14}$$

$$5. \quad \frac{6}{7} \div 2\frac{5}{9} = \frac{6}{7} \div \frac{23}{9} = \frac{6}{7} \times \frac{9}{23} = \frac{54}{161}$$

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

$$7. \quad 3\frac{2}{3} \times 1\frac{3}{5} = \frac{11}{3} \times \frac{8}{5} = \frac{88}{15} = 5\frac{13}{15}$$

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

$$9. \quad 3\frac{1}{8} \times 1\frac{3}{4} = \frac{25}{8} \times \frac{7}{4} = \frac{175}{32} = 5\frac{15}{32}$$

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



## Multiplying and Dividing Various Fractions (I)

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

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

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

Calculate each result.

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

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

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

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

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

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

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

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

9.  $\frac{2}{5} \div \frac{11}{9} =$

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

## Multiplying and Dividing Various Fractions (I) Answers

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

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

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

Calculate each result.

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

$$2. \quad 3\frac{1}{2} \times 2\frac{1}{6} = \frac{7}{2} \times \frac{13}{6} = \frac{91}{12} = 7\frac{7}{12}$$

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

$$4. \quad \frac{2}{3} \times 3\frac{1}{9} = \frac{2}{3} \times \frac{28}{9} = \frac{56}{27} = 2\frac{2}{27}$$

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

$$6. \quad 3\frac{3}{8} \div \frac{5}{3} = \frac{27}{8} \div \frac{5}{3} = \frac{27}{8} \times \frac{3}{5} = \frac{81}{40} = 2\frac{1}{40}$$

$$7. \quad 1\frac{3}{4} \times 2\frac{3}{5} = \frac{7}{4} \times \frac{13}{5} = \frac{91}{20} = 4\frac{11}{20}$$

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

$$9. \quad \frac{2}{5} \div \frac{11}{9} = \frac{2}{5} \times \frac{9}{11} = \frac{18}{55}$$

$$10. \quad \frac{1}{2} \times 1\frac{5}{7} = \frac{1}{2} \times \frac{12}{7} = \frac{12}{14} = \frac{6}{7}$$

## Multiplying and Dividing Various Fractions (J)

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

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

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

Calculate each result.

1.  $3\frac{3}{7} \times \frac{11}{6} =$

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

3.  $\frac{10}{9} \div \frac{7}{3} =$

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

5.  $3\frac{5}{6} \div \frac{20}{7} =$

6.  $\frac{11}{6} \times \frac{11}{4} =$

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

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

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

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

## Multiplying and Dividing Various Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{3}{7} \times \frac{11}{6} = \frac{24}{7} \times \frac{11}{6} = \frac{264}{42} = \frac{44}{7} = 6\frac{2}{7}$$

$$2. \quad \frac{15}{7} \times 1\frac{1}{2} = \frac{15}{7} \times \frac{3}{2} = \frac{45}{14} = 3\frac{3}{14}$$

$$3. \quad \frac{10}{9} \div \frac{7}{3} = \frac{10}{9} \times \frac{3}{7} = \frac{30}{63} = \frac{10}{21}$$

$$4. \quad 3\frac{2}{3} \times 2\frac{1}{4} = \frac{11}{3} \times \frac{9}{4} = \frac{99}{12} = \frac{33}{4} = 8\frac{1}{4}$$

$$5. \quad 3\frac{5}{6} \div \frac{20}{7} = \frac{23}{6} \div \frac{20}{7} = \frac{23}{6} \times \frac{7}{20} = \frac{161}{120} = 1\frac{41}{120}$$

$$6. \quad \frac{11}{6} \times \frac{11}{4} = \frac{121}{24} = 5\frac{1}{24}$$

$$7. \quad \frac{5}{2} \div 2\frac{3}{4} = \frac{5}{2} \div \frac{11}{4} = \frac{5}{2} \times \frac{4}{11} = \frac{20}{22} = \frac{10}{11}$$

$$8. \quad 3\frac{1}{4} \times \frac{3}{7} = \frac{13}{4} \times \frac{3}{7} = \frac{39}{28} = 1\frac{11}{28}$$

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

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