

# Multiplying and Dividing Various Fractions (A)

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

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

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

Calculate each result.

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

Convert ↑                      Inversion                      Result                      Convert ↓

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

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

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

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

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

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

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

$$9. \quad \frac{17}{5} \div 2\frac{1}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$10. \quad 1\frac{1}{7} \div \frac{3}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

## Multiplying and Dividing Various Fractions (A) Answers

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

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

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

Calculate each result.

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

$$2. \quad 1\frac{4}{9} \div \frac{5}{2} = \frac{13}{9} \div \frac{5}{2} = \frac{13}{9} \times \frac{2}{5} = \frac{26}{45}$$

$$3. \quad 2\frac{1}{7} \times 2\frac{1}{7} = \frac{15}{7} \times \frac{15}{7} = \frac{225}{49} = 4\frac{29}{49}$$

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

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

$$6. \quad \frac{8}{3} \times 3\frac{2}{3} = \frac{8}{3} \times \frac{11}{3} = \frac{88}{9} = 9\frac{7}{9}$$

$$7. \quad \frac{7}{5} \times \frac{4}{3} = \frac{28}{15} = 1\frac{13}{15}$$

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

$$9. \quad \frac{17}{5} \div 2\frac{1}{6} = \frac{17}{5} \div \frac{13}{6} = \frac{17}{5} \times \frac{6}{13} = \frac{102}{65} = 1\frac{37}{65}$$

$$10. \quad 1\frac{1}{7} \div \frac{3}{4} = \frac{8}{7} \div \frac{3}{4} = \frac{8}{7} \times \frac{4}{3} = \frac{32}{21} = 1\frac{11}{21}$$

## Multiplying and Dividing Various Fractions (B)

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

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

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

Calculate each result.

1.  $1\frac{3}{5} \times \frac{27}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{19}{5} \times \frac{3}{4} = \text{---} = \text{---}$

3.  $\frac{17}{5} \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

4.  $1\frac{5}{6} \div \frac{12}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

7.  $\frac{23}{7} \div \frac{7}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9.  $\frac{6}{7} \div 3\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10.  $\frac{32}{9} \div \frac{1}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Various Fractions (B) Answers

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

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

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

Calculate each result.

$$1. \quad 1\frac{3}{5} \times \frac{27}{7} = \frac{8}{5} \times \frac{27}{7} = \frac{216}{35} = 6\frac{6}{35}$$

$$2. \quad \frac{19}{5} \times \frac{3}{4} = \frac{57}{20} = 2\frac{17}{20}$$

$$3. \quad \frac{17}{5} \times 3\frac{1}{2} = \frac{17}{5} \times \frac{7}{2} = \frac{119}{10} = 11\frac{9}{10}$$

$$4. \quad 1\frac{5}{6} \div \frac{12}{5} = \frac{11}{6} \div \frac{12}{5} = \frac{11}{6} \times \frac{5}{12} = \frac{55}{72}$$

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

$$6. \quad 2\frac{5}{7} \times 1\frac{1}{3} = \frac{19}{7} \times \frac{4}{3} = \frac{76}{21} = 3\frac{13}{21}$$

$$7. \quad \frac{23}{7} \div \frac{7}{5} = \frac{23}{7} \times \frac{5}{7} = \frac{115}{49} = 2\frac{17}{49}$$

$$8. \quad \frac{5}{6} \div 1\frac{1}{5} = \frac{5}{6} \div \frac{6}{5} = \frac{5}{6} \times \frac{5}{6} = \frac{25}{36}$$

$$9. \quad \frac{6}{7} \div 3\frac{2}{5} = \frac{6}{7} \div \frac{17}{5} = \frac{6}{7} \times \frac{5}{17} = \frac{30}{119}$$

$$10. \quad \frac{32}{9} \div \frac{1}{4} = \frac{32}{9} \times \frac{4}{1} = \frac{128}{9} = 14\frac{2}{9}$$

# Multiplying and Dividing Various Fractions (C)

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

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

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

Calculate each result.

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

2.  $\frac{14}{5} \div \frac{11}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

5.  $\frac{16}{5} \div 2\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $\frac{22}{9} \times \frac{4}{5} = \text{---} = \text{---}$

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

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

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

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

## Multiplying and Dividing Various Fractions (C) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{1}{2} \times \frac{3}{5} = \frac{7}{2} \times \frac{3}{5} = \frac{21}{10} = 2\frac{1}{10}$$

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

$$3. \quad \frac{2}{3} \div 3\frac{4}{5} = \frac{2}{3} \div \frac{19}{5} = \frac{2}{3} \times \frac{5}{19} = \frac{10}{57}$$

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

$$5. \quad \frac{16}{5} \div 2\frac{1}{4} = \frac{16}{5} \div \frac{9}{4} = \frac{16}{5} \times \frac{4}{9} = \frac{64}{45} = 1\frac{19}{45}$$

$$6. \quad \frac{22}{9} \times \frac{4}{5} = \frac{88}{45} = 1\frac{43}{45}$$

$$7. \quad 2\frac{4}{5} \div 3\frac{1}{8} = \frac{14}{5} \div \frac{25}{8} = \frac{14}{5} \times \frac{8}{25} = \frac{112}{125}$$

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

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

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

## Multiplying and Dividing Various Fractions (D)

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

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

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

Calculate each result.

1.  $\frac{11}{6} \div \frac{5}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{3}{5} \times \frac{12}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $3\frac{1}{4} \times \frac{13}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

6.  $\frac{4}{7} \div \frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

9.  $\frac{31}{9} \times 1\frac{1}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $\frac{1}{3} \times \frac{7}{4} = \text{---} \times \text{---} = \text{---}$

## Multiplying and Dividing Various Fractions (D) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{11}{6} \div \frac{5}{7} = \frac{11}{6} \times \frac{7}{5} = \frac{77}{30} = 2\frac{17}{30}$$

$$2. \quad \frac{3}{5} \times \frac{12}{7} = \frac{3}{5} \times \frac{12}{7} = \frac{36}{35} = 1\frac{1}{35}$$

$$3. \quad 3\frac{1}{4} \times \frac{13}{4} = \frac{13}{4} \times \frac{13}{4} = \frac{169}{16} = 10\frac{9}{16}$$

$$4. \quad 3\frac{4}{5} \times \frac{6}{5} = \frac{19}{5} \times \frac{6}{5} = \frac{114}{25} = 4\frac{14}{25}$$

$$5. \quad \frac{10}{3} \div 3\frac{1}{4} = \frac{10}{3} \div \frac{13}{4} = \frac{10}{3} \times \frac{4}{13} = \frac{40}{39} = 1\frac{1}{39}$$

$$6. \quad \frac{4}{7} \div \frac{3}{8} = \frac{4}{7} \div \frac{3}{8} = \frac{4}{7} \times \frac{8}{3} = \frac{32}{21} = 1\frac{11}{21}$$

$$7. \quad \frac{6}{7} \div \frac{5}{3} = \frac{6}{7} \times \frac{3}{5} = \frac{18}{35}$$

$$8. \quad \frac{6}{7} \div 3\frac{1}{8} = \frac{6}{7} \div \frac{25}{8} = \frac{6}{7} \times \frac{8}{25} = \frac{48}{175}$$

$$9. \quad \frac{31}{9} \times 1\frac{1}{9} = \frac{31}{9} \times \frac{10}{9} = \frac{310}{81} = 3\frac{67}{81}$$

$$10. \quad \frac{1}{3} \times \frac{7}{4} = \frac{1}{3} \times \frac{7}{4} = \frac{7}{12}$$



## Multiplying and Dividing Various Fractions (E)

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

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

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

Calculate each result.

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

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

3.  $\frac{1}{2} \div \frac{26}{9} = \text{---} \times \text{---} = \text{---}$

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

5.  $\frac{20}{7} \div \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $3\frac{3}{8} \div \frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

## Multiplying and Dividing Various Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{3}{8} \times \frac{7}{2} = \frac{3}{8} \times \frac{7}{2} = \frac{21}{16} = 1\frac{5}{16}$$

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

$$3. \quad \frac{1}{2} \div \frac{26}{9} = \frac{1}{2} \times \frac{9}{26} = \frac{9}{52}$$

$$4. \quad 1\frac{1}{7} \div \frac{7}{2} = \frac{8}{7} \div \frac{7}{2} = \frac{8}{7} \times \frac{2}{7} = \frac{16}{49}$$

$$5. \quad \frac{20}{7} \div \frac{3}{2} = \frac{20}{7} \times \frac{2}{3} = \frac{40}{21} = 1\frac{19}{21}$$

$$6. \quad 3\frac{3}{8} \div \frac{5}{9} = \frac{27}{8} \div \frac{5}{9} = \frac{27}{8} \times \frac{9}{5} = \frac{243}{40} = 6\frac{3}{40}$$

$$7. \quad \frac{5}{2} \div \frac{1}{5} = \frac{5}{2} \times \frac{5}{1} = \frac{25}{2} = 12\frac{1}{2}$$

$$8. \quad 2\frac{3}{7} \times 2\frac{1}{2} = \frac{17}{7} \times \frac{5}{2} = \frac{85}{14} = 6\frac{1}{14}$$

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

$$10. \quad \frac{7}{3} \times \frac{7}{3} = \frac{49}{9} = 5\frac{4}{9}$$

# Multiplying and Dividing Various Fractions (F)

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

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

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

Calculate each result.

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

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

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

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

5.  $1\frac{4}{9} \times \frac{2}{7} = \text{---} \times \text{---} = \text{---}$

6.  $\frac{13}{4} \div \frac{4}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

9.  $\frac{15}{4} \times \frac{3}{2} = \text{---} = \text{---}$

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

## Multiplying and Dividing Various Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{1}{2} \div \frac{4}{5} = \frac{5}{2} \div \frac{4}{5} = \frac{5}{2} \times \frac{5}{4} = \frac{25}{8} = 3\frac{1}{8}$$

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

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

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

$$5. \quad 1\frac{4}{9} \times \frac{2}{7} = \frac{13}{9} \times \frac{2}{7} = \frac{26}{63}$$

$$6. \quad \frac{13}{4} \div \frac{4}{3} = \frac{13}{4} \times \frac{3}{4} = \frac{39}{16} = 2\frac{7}{16}$$

$$7. \quad 2\frac{1}{6} \times \frac{5}{2} = \frac{13}{6} \times \frac{5}{2} = \frac{65}{12} = 5\frac{5}{12}$$

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

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

$$10. \quad \frac{5}{2} \div 2\frac{4}{5} = \frac{5}{2} \div \frac{14}{5} = \frac{5}{2} \times \frac{5}{14} = \frac{25}{28}$$

# Multiplying and Dividing Various Fractions (G)

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

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

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

Calculate each result.

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

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

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

4.  $\frac{31}{8} \times \frac{5}{2} = \text{---} = \text{---}$

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

6.  $\frac{19}{6} \times \frac{7}{4} = \text{---} = \text{---}$

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

8.  $\frac{7}{5} \div \frac{15}{8} = \text{---} \times \text{---} = \text{---}$

9.  $\frac{25}{8} \div \frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

## Multiplying and Dividing Various Fractions (G) Answers

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

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

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

Calculate each result.

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

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

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

$$4. \quad \frac{31}{8} \times \frac{5}{2} = \frac{155}{16} = 9\frac{11}{16}$$

$$5. \quad \frac{2}{3} \times 2\frac{1}{5} = \frac{2}{3} \times \frac{11}{5} = \frac{22}{15} = 1\frac{7}{15}$$

$$6. \quad \frac{19}{6} \times \frac{7}{4} = \frac{133}{24} = 5\frac{13}{24}$$

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

$$8. \quad \frac{7}{5} \div \frac{15}{8} = \frac{7}{5} \times \frac{8}{15} = \frac{56}{75}$$

$$9. \quad \frac{25}{8} \div \frac{2}{3} = \frac{25}{8} \div \frac{2}{3} = \frac{25}{8} \times \frac{3}{2} = \frac{75}{16} = 4\frac{11}{16}$$

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

# Multiplying and Dividing Various Fractions (H)

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

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

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

Calculate each result.

1.  $\frac{15}{4} \times 2\frac{1}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

3.  $2\frac{2}{7} \div \frac{15}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

5.  $\frac{4}{5} \times \frac{29}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $\frac{7}{5} \div \frac{15}{7} = \text{---} \times \text{---} = \text{---}$

7.  $\frac{27}{7} \div \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9.  $\frac{19}{6} \times \frac{5}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

## Multiplying and Dividing Various Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \frac{15}{4} \times 2\frac{1}{8} = \frac{15}{4} \times \frac{17}{8} = \frac{255}{32} = 7\frac{31}{32}$$

$$2. \frac{3}{2} \div \frac{4}{7} = \frac{3}{2} \times \frac{7}{4} = \frac{21}{8} = 2\frac{5}{8}$$

$$3. 2\frac{2}{7} \div \frac{15}{8} = \frac{16}{7} \div \frac{15}{8} = \frac{16}{7} \times \frac{8}{15} = \frac{128}{105} = 1\frac{23}{105}$$

$$4. 1\frac{2}{3} \times \frac{10}{3} = \frac{5}{3} \times \frac{10}{3} = \frac{50}{9} = 5\frac{5}{9}$$

$$5. \frac{4}{5} \times \frac{29}{9} = \frac{4}{5} \times \frac{29}{9} = \frac{116}{45} = 2\frac{26}{45}$$

$$6. \frac{7}{5} \div \frac{15}{7} = \frac{7}{5} \times \frac{7}{15} = \frac{49}{75}$$

$$7. \frac{27}{7} \div \frac{5}{2} = \frac{27}{7} \times \frac{2}{5} = \frac{54}{35} = 1\frac{19}{35}$$

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

$$9. \frac{19}{6} \times \frac{5}{6} = \frac{19}{6} \times \frac{5}{6} = \frac{95}{36} = 2\frac{23}{36}$$

$$10. \frac{1}{7} \div 3\frac{1}{2} = \frac{1}{7} \div \frac{7}{2} = \frac{1}{7} \times \frac{2}{7} = \frac{2}{49}$$



# Multiplying and Dividing Various Fractions (I)

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

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

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

Calculate each result.

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

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

3.  $\frac{10}{3} \div 1\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

5.  $\frac{34}{9} \div \frac{5}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

7.  $\frac{1}{3} \div \frac{13}{4} = \text{---} \times \text{---} = \text{---}$

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

9.  $2\frac{2}{5} \times 2\frac{4}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

## Multiplying and Dividing Various Fractions (I) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{7}{5} \times 1\frac{3}{4} = \frac{7}{5} \times \frac{7}{4} = \frac{49}{20} = 2\frac{9}{20}$$

$$2. \quad \frac{1}{2} \times 3\frac{4}{5} = \frac{1}{2} \times \frac{19}{5} = \frac{19}{10} = 1\frac{9}{10}$$

$$3. \quad \frac{10}{3} \div 1\frac{3}{8} = \frac{10}{3} \div \frac{11}{8} = \frac{10}{3} \times \frac{8}{11} = \frac{80}{33} = 2\frac{14}{33}$$

$$4. \quad 1\frac{1}{6} \div 3\frac{2}{7} = \frac{7}{6} \div \frac{23}{7} = \frac{7}{6} \times \frac{7}{23} = \frac{49}{138}$$

$$5. \quad \frac{34}{9} \div \frac{5}{4} = \frac{34}{9} \times \frac{4}{5} = \frac{136}{45} = 3\frac{1}{45}$$

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

$$7. \quad \frac{1}{3} \div \frac{13}{4} = \frac{1}{3} \times \frac{4}{13} = \frac{4}{39}$$

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

$$9. \quad 2\frac{2}{5} \times 2\frac{4}{7} = \frac{12}{5} \times \frac{18}{7} = \frac{216}{35} = 6\frac{6}{35}$$

$$10. \quad \frac{7}{5} \times 1\frac{1}{2} = \frac{7}{5} \times \frac{3}{2} = \frac{21}{10} = 2\frac{1}{10}$$

# Multiplying and Dividing Various Fractions (J)

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

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

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

Calculate each result.

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

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

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

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

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

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

7.  $\frac{10}{3} \div 3\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

8.  $\frac{11}{6} \div \frac{14}{5} = \text{---} \times \text{---} = \text{---}$

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

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

## Multiplying and Dividing Various Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \frac{11}{3} \times 1\frac{1}{9} = \frac{11}{3} \times \frac{10}{9} = \frac{110}{27} = 4\frac{2}{27}$$

$$2. \frac{5}{3} \times \frac{8}{9} = \frac{5}{3} \times \frac{8}{9} = \frac{40}{27} = 1\frac{13}{27}$$

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

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

$$5. 3\frac{3}{5} \div \frac{1}{3} = \frac{18}{5} \div \frac{1}{3} = \frac{18}{5} \times \frac{3}{1} = \frac{54}{5} = 10\frac{4}{5}$$

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

$$7. \frac{10}{3} \div 3\frac{2}{5} = \frac{10}{3} \div \frac{17}{5} = \frac{10}{3} \times \frac{5}{17} = \frac{50}{51}$$

$$8. \frac{11}{6} \div \frac{14}{5} = \frac{11}{6} \times \frac{5}{14} = \frac{55}{84}$$

$$9. \frac{4}{5} \div 1\frac{1}{2} = \frac{4}{5} \div \frac{3}{2} = \frac{4}{5} \times \frac{2}{3} = \frac{8}{15}$$

$$10. 1\frac{2}{5} \div 2\frac{1}{2} = \frac{7}{5} \div \frac{5}{2} = \frac{7}{5} \times \frac{2}{5} = \frac{14}{25}$$