

# Opérations avec deux fractions mixtes (A)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{1}{9} + 3\frac{6}{10} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

Convert ↑                      Denominator                      Solve                      Simplify                      Convert ↓

$$2. \quad 5\frac{2}{8} + 3\frac{2}{3} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$3. \quad 5\frac{3}{6} + 2\frac{10}{13} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

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

$$5. \quad 5\frac{1}{4} \div 2\frac{2}{12} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$6. \quad 5\frac{5}{6} - 4\frac{2}{13} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$7. \quad 5\frac{4}{5} \times 1\frac{6}{20} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$8. \quad 5\frac{3}{4} - 5\frac{3}{13} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$9. \quad 5\frac{1}{5} - 2\frac{4}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$10. \quad 5\frac{2}{6} \times 1\frac{11}{20} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

## Opérations avec deux fractions mixtes (A) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{1}{9} + 3\frac{6}{10} = \frac{46}{9} + \frac{36}{10} = \frac{460}{90} + \frac{324}{90} = \frac{784}{90} = \frac{392}{45} = 8\frac{32}{45}$$

$$2. \quad 5\frac{2}{8} + 3\frac{2}{3} = \frac{42}{8} + \frac{11}{3} = \frac{126}{24} + \frac{88}{24} = \frac{214}{24} = \frac{107}{12} = 8\frac{11}{12}$$

$$3. \quad 5\frac{3}{6} + 2\frac{10}{13} = \frac{33}{6} + \frac{36}{13} = \frac{429}{78} + \frac{216}{78} = \frac{645}{78} = \frac{215}{26} = 8\frac{7}{26}$$

$$4. \quad 5\frac{1}{2} \times 1\frac{1}{3} = \frac{11}{2} \times \frac{4}{3} = \frac{44}{6} = \frac{22}{3} = 7\frac{1}{3}$$

$$5. \quad 5\frac{1}{4} \div 2\frac{2}{12} = \frac{21}{4} \div \frac{26}{12} = \frac{21}{4} \times \frac{12}{26} = \frac{252}{104} = \frac{63}{26} = 2\frac{11}{26}$$

$$6. \quad 5\frac{5}{6} - 4\frac{2}{13} = \frac{35}{6} - \frac{54}{13} = \frac{455}{78} - \frac{324}{78} = \frac{131}{78} = 1\frac{53}{78}$$

$$7. \quad 5\frac{4}{5} \times 1\frac{6}{20} = \frac{29}{5} \times \frac{26}{20} = \frac{754}{100} = \frac{377}{50} = 7\frac{27}{50}$$

$$8. \quad 5\frac{3}{4} - 5\frac{3}{13} = \frac{23}{4} - \frac{68}{13} = \frac{299}{52} - \frac{272}{52} = \frac{27}{52}$$

$$9. \quad 5\frac{1}{5} - 2\frac{4}{11} = \frac{26}{5} - \frac{26}{11} = \frac{286}{55} - \frac{130}{55} = \frac{156}{55} = 2\frac{46}{55}$$

$$10. \quad 5\frac{2}{6} \times 1\frac{11}{20} = \frac{32}{6} \times \frac{31}{20} = \frac{992}{120} = \frac{124}{15} = 8\frac{4}{15}$$

## Opérations avec deux fractions mixtes (B)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{1}{3} + 1\frac{2}{10} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$2. \quad 5\frac{2}{8} - 2\frac{2}{13} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---} = \text{---}$$

$$3. \quad 5\frac{4}{7} + 2\frac{10}{12} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

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

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

$$6. \quad 5\frac{6}{8} \times 1\frac{1}{18} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$7. \quad 5\frac{2}{9} + 2\frac{11}{13} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$8. \quad 5\frac{5}{8} - 3\frac{7}{13} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$9. \quad 5\frac{3}{8} - 2\frac{1}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$10. \quad 4\frac{7}{16} \div 5\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

## Opérations avec deux fractions mixtes (B) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{1}{3} + 1\frac{2}{10} = \frac{16}{3} + \frac{12}{10} = \frac{160}{30} + \frac{36}{30} = \frac{196}{30} = \frac{98}{15} = 6\frac{8}{15}$$

$$2. \quad 5\frac{2}{8} - 2\frac{2}{13} = \frac{42}{8} - \frac{28}{13} = \frac{546}{104} - \frac{224}{104} = \frac{322}{104} = \frac{161}{52} = 3\frac{5}{52}$$

$$3. \quad 5\frac{4}{7} + 2\frac{10}{12} = \frac{39}{7} + \frac{34}{12} = \frac{468}{84} + \frac{238}{84} = \frac{706}{84} = \frac{353}{42} = 8\frac{17}{42}$$

$$4. \quad 5\frac{4}{9} \times 1\frac{1}{7} = \frac{49}{9} \times \frac{8}{7} = \frac{392}{63} = \frac{56}{9} = 6\frac{2}{9}$$

$$5. \quad 5\frac{2}{8} \times 1\frac{1}{2} = \frac{42}{8} \times \frac{3}{2} = \frac{126}{16} = \frac{63}{8} = 7\frac{7}{8}$$

$$6. \quad 5\frac{6}{8} \times 1\frac{1}{18} = \frac{46}{8} \times \frac{19}{18} = \frac{874}{144} = \frac{437}{72} = 6\frac{5}{72}$$

$$7. \quad 5\frac{2}{9} + 2\frac{11}{13} = \frac{47}{9} + \frac{37}{13} = \frac{611}{117} + \frac{333}{117} = \frac{944}{117} = 8\frac{8}{117}$$

$$8. \quad 5\frac{5}{8} - 3\frac{7}{13} = \frac{45}{8} - \frac{46}{13} = \frac{585}{104} - \frac{368}{104} = \frac{217}{104} = 2\frac{9}{104}$$

$$9. \quad 5\frac{3}{8} - 2\frac{1}{5} = \frac{43}{8} - \frac{11}{5} = \frac{215}{40} - \frac{88}{40} = \frac{127}{40} = 3\frac{7}{40}$$

$$10. \quad 4\frac{7}{16} \div 5\frac{3}{4} = \frac{71}{16} \div \frac{23}{4} = \frac{71}{16} \times \frac{4}{23} = \frac{284}{368} = \frac{71}{92}$$

## Opérations avec deux fractions mixtes (C)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{4}{9} + 1\frac{6}{16} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$2. \quad 5\frac{1}{8} - 2\frac{1}{9} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$3. \quad 5\frac{3}{6} + 3\frac{2}{5} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$4. \quad 5\frac{1}{2} + 1\frac{1}{19} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$5. \quad 1\frac{2}{18} \times 5\frac{6}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

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

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

$$8. \quad 5\frac{2}{3} \times 1\frac{1}{19} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$9. \quad 5\frac{1}{3} - 2\frac{7}{14} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---} = \text{---}$$

$$10. \quad 5\frac{1}{3} \div 1\frac{16}{17} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

## Opérations avec deux fractions mixtes (C) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{4}{9} + 1\frac{6}{16} = \frac{49}{9} + \frac{22}{16} = \frac{784}{144} + \frac{198}{144} = \frac{982}{144} = \frac{491}{72} = 6\frac{59}{72}$$

$$2. \quad 5\frac{1}{8} - 2\frac{1}{9} = \frac{41}{8} - \frac{19}{9} = \frac{369}{72} - \frac{152}{72} = \frac{217}{72} = 3\frac{1}{72}$$

$$3. \quad 5\frac{3}{6} + 3\frac{2}{5} = \frac{33}{6} + \frac{17}{5} = \frac{165}{30} + \frac{102}{30} = \frac{267}{30} = \frac{89}{10} = 8\frac{9}{10}$$

$$4. \quad 5\frac{1}{2} + 1\frac{1}{19} = \frac{11}{2} + \frac{20}{19} = \frac{209}{38} + \frac{40}{38} = \frac{249}{38} = 6\frac{21}{38}$$

$$5. \quad 1\frac{2}{18} \times 5\frac{6}{8} = \frac{20}{18} \times \frac{46}{8} = \frac{920}{144} = \frac{115}{18} = 6\frac{7}{18}$$

$$6. \quad 1\frac{1}{2} \times 5\frac{3}{4} = \frac{3}{2} \times \frac{23}{4} = \frac{69}{8} = 8\frac{5}{8}$$

$$7. \quad 5\frac{2}{3} - 5\frac{1}{2} = \frac{17}{3} - \frac{11}{2} = \frac{34}{6} - \frac{33}{6} = \frac{1}{6}$$

$$8. \quad 5\frac{2}{3} \times 1\frac{1}{19} = \frac{17}{3} \times \frac{20}{19} = \frac{340}{57} = 5\frac{55}{57}$$

$$9. \quad 5\frac{1}{3} - 2\frac{7}{14} = \frac{16}{3} - \frac{35}{14} = \frac{224}{42} - \frac{105}{42} = \frac{119}{42} = \frac{17}{6} = 2\frac{5}{6}$$

$$10. \quad 5\frac{1}{3} \div 1\frac{16}{17} = \frac{16}{3} \div \frac{33}{17} = \frac{16}{3} \times \frac{17}{33} = \frac{272}{99} = 2\frac{74}{99}$$

## Opérations avec deux fractions mixtes (D)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{3}{6} + 1\frac{4}{17} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

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

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

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

$$5. \quad 5\frac{10}{19} - 5\frac{2}{4} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$7. \quad 5\frac{1}{2} \times 1\frac{4}{12} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$8. \quad 5\frac{2}{6} - 3\frac{10}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---} = \text{---}$$

$$9. \quad 5\frac{6}{8} + 2\frac{3}{17} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$10. \quad 1\frac{1}{2} \times 5\frac{3}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$$

## Opérations avec deux fractions mixtes (D) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{3}{6} + 1\frac{4}{17} = \frac{33}{6} + \frac{21}{17} = \frac{561}{102} + \frac{126}{102} = \frac{687}{102} = \frac{229}{34} = 6\frac{25}{34}$$

$$2. \quad 5\frac{1}{2} + 2\frac{2}{3} = \frac{11}{2} + \frac{8}{3} = \frac{33}{6} + \frac{16}{6} = \frac{49}{6} = 8\frac{1}{6}$$

$$3. \quad 5\frac{1}{7} \div 1\frac{2}{6} = \frac{36}{7} \div \frac{8}{6} = \frac{36}{7} \times \frac{6}{8} = \frac{216}{56} = \frac{27}{7} = 3\frac{6}{7}$$

$$4. \quad 5\frac{7}{9} - 1\frac{5}{7} = \frac{52}{9} - \frac{12}{7} = \frac{364}{63} - \frac{108}{63} = \frac{256}{63} = 4\frac{4}{63}$$

$$5. \quad 5\frac{10}{19} - 5\frac{2}{4} = \frac{105}{19} - \frac{22}{4} = \frac{420}{76} - \frac{418}{76} = \frac{2}{76} = \frac{1}{38}$$

$$6. \quad 2\frac{9}{12} \div 5\frac{1}{2} = \frac{33}{12} \div \frac{11}{2} = \frac{33}{12} \times \frac{2}{11} = \frac{66}{132} = \frac{1}{2}$$

$$7. \quad 5\frac{1}{2} \times 1\frac{4}{12} = \frac{11}{2} \times \frac{16}{12} = \frac{176}{24} = \frac{22}{3} = 7\frac{1}{3}$$

$$8. \quad 5\frac{2}{6} - 3\frac{10}{11} = \frac{32}{6} - \frac{43}{11} = \frac{352}{66} - \frac{258}{66} = \frac{94}{66} = \frac{47}{33} = 1\frac{14}{33}$$

$$9. \quad 5\frac{6}{8} + 2\frac{3}{17} = \frac{46}{8} + \frac{37}{17} = \frac{782}{136} + \frac{296}{136} = \frac{1078}{136} = \frac{539}{68} = 7\frac{63}{68}$$

$$10. \quad 1\frac{1}{2} \times 5\frac{3}{8} = \frac{3}{2} \times \frac{43}{8} = \frac{129}{16} = 8\frac{1}{16}$$

## Opérations avec deux fractions mixtes (E)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

1.  $5\frac{4}{5} \times 1\frac{2}{14} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2.  $5\frac{3}{5} + 3\frac{7}{19} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$

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

4.  $5\frac{1}{9} - 1\frac{9}{13} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

5.  $5\frac{7}{8} - 5\frac{1}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

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

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

8.  $5\frac{3}{4} + 2\frac{3}{9} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$

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

10.  $3\frac{1}{16} \div 5\frac{3}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

## Opérations avec deux fractions mixtes (E) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{4}{5} \times 1\frac{2}{14} = \frac{29}{5} \times \frac{16}{14} = \frac{464}{70} = \frac{232}{35} = 6\frac{22}{35}$$

$$2. \quad 5\frac{3}{5} + 3\frac{7}{19} = \frac{28}{5} + \frac{64}{19} = \frac{532}{95} + \frac{320}{95} = \frac{852}{95} = 8\frac{92}{95}$$

$$3. \quad 5\frac{5}{7} - 3\frac{1}{6} = \frac{40}{7} - \frac{19}{6} = \frac{240}{42} - \frac{133}{42} = \frac{107}{42} = 2\frac{23}{42}$$

$$4. \quad 5\frac{1}{9} - 1\frac{9}{13} = \frac{46}{9} - \frac{22}{13} = \frac{598}{117} - \frac{198}{117} = \frac{400}{117} = 3\frac{49}{117}$$

$$5. \quad 5\frac{7}{8} - 5\frac{1}{7} = \frac{47}{8} - \frac{36}{7} = \frac{329}{56} - \frac{288}{56} = \frac{41}{56}$$

$$6. \quad 1\frac{3}{7} \times 5\frac{2}{5} = \frac{10}{7} \times \frac{27}{5} = \frac{270}{35} = \frac{54}{7} = 7\frac{5}{7}$$

$$7. \quad 5\frac{3}{4} \div 5\frac{2}{8} = \frac{23}{4} \div \frac{42}{8} = \frac{23}{4} \times \frac{8}{42} = \frac{184}{168} = \frac{23}{21} = 1\frac{2}{21}$$

$$8. \quad 5\frac{3}{4} + 2\frac{3}{9} = \frac{23}{4} + \frac{21}{9} = \frac{207}{36} + \frac{84}{36} = \frac{291}{36} = \frac{97}{12} = 8\frac{1}{12}$$

$$9. \quad 5\frac{7}{9} \times 1\frac{1}{2} = \frac{52}{9} \times \frac{3}{2} = \frac{156}{18} = \frac{26}{3} = 8\frac{2}{3}$$

$$10. \quad 3\frac{1}{16} \div 5\frac{3}{7} = \frac{49}{16} \div \frac{38}{7} = \frac{49}{16} \times \frac{7}{38} = \frac{343}{608}$$

## Opérations avec deux fractions mixtes (F)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

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

2.  $5\frac{1}{3} \div 1\frac{13}{14} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4.  $5\frac{1}{7} \times 1\frac{6}{12} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5.  $5\frac{3}{6} - 4\frac{5}{7} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

6.  $5\frac{4}{9} + 2\frac{2}{10} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$

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

8.  $5\frac{2}{9} - 3\frac{11}{16} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

9.  $5\frac{9}{12} - 5\frac{3}{5} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

## Opérations avec deux fractions mixtes (F) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{1}{2} \times 1\frac{1}{3} = \frac{11}{2} \times \frac{4}{3} = \frac{44}{6} = \frac{22}{3} = 7\frac{1}{3}$$

$$2. \quad 5\frac{1}{3} \div 1\frac{13}{14} = \frac{16}{3} \div \frac{27}{14} = \frac{16}{3} \times \frac{14}{27} = \frac{224}{81} = 2\frac{62}{81}$$

$$3. \quad 1\frac{2}{6} \times 5\frac{2}{8} = \frac{8}{6} \times \frac{42}{8} = \frac{336}{48} = 7$$

$$4. \quad 5\frac{1}{7} \times 1\frac{6}{12} = \frac{36}{7} \times \frac{18}{12} = \frac{648}{84} = \frac{54}{7} = 7\frac{5}{7}$$

$$5. \quad 5\frac{3}{6} - 4\frac{5}{7} = \frac{33}{6} - \frac{33}{7} = \frac{231}{42} - \frac{198}{42} = \frac{33}{42} = \frac{11}{14}$$

$$6. \quad 5\frac{4}{9} + 2\frac{2}{10} = \frac{49}{9} + \frac{22}{10} = \frac{490}{90} + \frac{198}{90} = \frac{688}{90} = \frac{344}{45} = 7\frac{29}{45}$$

$$7. \quad 4\frac{1}{4} \div 5\frac{2}{3} = \frac{17}{4} \div \frac{17}{3} = \frac{17}{4} \times \frac{3}{17} = \frac{51}{68} = \frac{3}{4}$$

$$8. \quad 5\frac{2}{9} - 3\frac{11}{16} = \frac{47}{9} - \frac{59}{16} = \frac{752}{144} - \frac{531}{144} = \frac{221}{144} = 1\frac{77}{144}$$

$$9. \quad 5\frac{9}{12} - 5\frac{3}{5} = \frac{69}{12} - \frac{28}{5} = \frac{345}{60} - \frac{336}{60} = \frac{9}{60} = \frac{3}{20}$$

$$10. \quad 5\frac{1}{2} + 1\frac{1}{5} = \frac{11}{2} + \frac{6}{5} = \frac{55}{10} + \frac{12}{10} = \frac{67}{10} = 6\frac{7}{10}$$

## Opérations avec deux fractions mixtes (G)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

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

$$2. \quad 5\frac{3}{4} \times 1\frac{8}{17} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

$$4. \quad 5\frac{1}{2} - 3\frac{15}{19} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$6. \quad 5\frac{6}{8} + 1\frac{10}{13} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$7. \quad 5\frac{5}{7} + 1\frac{2}{3} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$8. \quad 4\frac{2}{15} \div 5\frac{1}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

$$10. \quad 5\frac{1}{3} \div 3\frac{7}{11} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

## Opérations avec deux fractions mixtes (G) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 1\frac{1}{3} \times 5\frac{7}{8} = \frac{4}{3} \times \frac{47}{8} = \frac{188}{24} = \frac{47}{6} = 7\frac{5}{6}$$

$$2. \quad 5\frac{3}{4} \times 1\frac{8}{17} = \frac{23}{4} \times \frac{25}{17} = \frac{575}{68} = 8\frac{31}{68}$$

$$3. \quad 5\frac{3}{5} + 1\frac{1}{2} = \frac{28}{5} + \frac{3}{2} = \frac{56}{10} + \frac{15}{10} = \frac{71}{10} = 7\frac{1}{10}$$

$$4. \quad 5\frac{1}{2} - 3\frac{15}{19} = \frac{11}{2} - \frac{72}{19} = \frac{209}{38} - \frac{144}{38} = \frac{65}{38} = 1\frac{27}{38}$$

$$5. \quad 5\frac{3}{4} \times 1\frac{1}{2} = \frac{23}{4} \times \frac{3}{2} = \frac{69}{8} = 8\frac{5}{8}$$

$$6. \quad 5\frac{6}{8} + 1\frac{10}{13} = \frac{46}{8} + \frac{23}{13} = \frac{598}{104} + \frac{184}{104} = \frac{782}{104} = \frac{391}{52} = 7\frac{27}{52}$$

$$7. \quad 5\frac{5}{7} + 1\frac{2}{3} = \frac{40}{7} + \frac{5}{3} = \frac{120}{21} + \frac{35}{21} = \frac{155}{21} = 7\frac{8}{21}$$

$$8. \quad 4\frac{2}{15} \div 5\frac{1}{6} = \frac{62}{15} \div \frac{31}{6} = \frac{62}{15} \times \frac{6}{31} = \frac{372}{465} = \frac{4}{5}$$

$$9. \quad 5\frac{2}{7} - 2\frac{1}{4} = \frac{37}{7} - \frac{9}{4} = \frac{148}{28} - \frac{63}{28} = \frac{85}{28} = 3\frac{1}{28}$$

$$10. \quad 5\frac{1}{3} \div 3\frac{7}{11} = \frac{16}{3} \div \frac{40}{11} = \frac{16}{3} \times \frac{11}{40} = \frac{176}{120} = \frac{22}{15} = 1\frac{7}{15}$$

## Opérations avec deux fractions mixtes (H)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{2}{4} + 2\frac{14}{17} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$2. \quad 5\frac{3}{5} + 2\frac{3}{4} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$3. \quad 5\frac{2}{3} + 1\frac{2}{8} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$4. \quad 5\frac{7}{9} - 3\frac{16}{19} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$6. \quad 1\frac{5}{19} \times 5\frac{2}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$7. \quad 5\frac{2}{4} - 2\frac{9}{11} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---} = \text{---}$$

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

$$9. \quad 5\frac{3}{4} \div 1\frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$10. \quad 1\frac{10}{20} \times 5\frac{5}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

## Opérations avec deux fractions mixtes (H) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{2}{4} + 2\frac{14}{17} = \frac{22}{4} + \frac{48}{17} = \frac{374}{68} + \frac{192}{68} = \frac{566}{68} = \frac{283}{34} = 8\frac{11}{34}$$

$$2. \quad 5\frac{3}{5} + 2\frac{3}{4} = \frac{28}{5} + \frac{11}{4} = \frac{112}{20} + \frac{55}{20} = \frac{167}{20} = 8\frac{7}{20}$$

$$3. \quad 5\frac{2}{3} + 1\frac{2}{8} = \frac{17}{3} + \frac{10}{8} = \frac{136}{24} + \frac{30}{24} = \frac{166}{24} = \frac{83}{12} = 6\frac{11}{12}$$

$$4. \quad 5\frac{7}{9} - 3\frac{16}{19} = \frac{52}{9} - \frac{73}{19} = \frac{988}{171} - \frac{657}{171} = \frac{331}{171} = 1\frac{160}{171}$$

$$5. \quad 5\frac{3}{4} \div 3\frac{2}{3} = \frac{23}{4} \div \frac{11}{3} = \frac{23}{4} \times \frac{3}{11} = \frac{69}{44} = 1\frac{25}{44}$$

$$6. \quad 1\frac{5}{19} \times 5\frac{2}{5} = \frac{24}{19} \times \frac{27}{5} = \frac{648}{95} = 6\frac{78}{95}$$

$$7. \quad 5\frac{2}{4} - 2\frac{9}{11} = \frac{22}{4} - \frac{31}{11} = \frac{242}{44} - \frac{124}{44} = \frac{118}{44} = \frac{59}{22} = 2\frac{15}{22}$$

$$8. \quad 1\frac{3}{7} \times 5\frac{2}{3} = \frac{10}{7} \times \frac{17}{3} = \frac{170}{21} = 8\frac{2}{21}$$

$$9. \quad 5\frac{3}{4} \div 1\frac{3}{5} = \frac{23}{4} \div \frac{8}{5} = \frac{23}{4} \times \frac{5}{8} = \frac{115}{32} = 3\frac{19}{32}$$

$$10. \quad 1\frac{10}{20} \times 5\frac{5}{8} = \frac{30}{20} \times \frac{45}{8} = \frac{1350}{160} = \frac{135}{16} = 8\frac{7}{16}$$

## Opérations avec deux fractions mixtes (I)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{1}{3} + 1\frac{4}{14} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$2. \quad 5\frac{3}{4} - 2\frac{10}{17} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$3. \quad 5\frac{1}{4} + 2\frac{16}{17} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$4. \quad 5\frac{5}{9} - 2\frac{4}{10} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---} = \text{---}$$

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

$$6. \quad 1\frac{3}{5} \times 5\frac{5}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$7. \quad 1\frac{5}{11} \times 5\frac{3}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$8. \quad 5\frac{4}{7} + 2\frac{7}{13} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$9. \quad 5\frac{3}{6} \div 1\frac{9}{17} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$10. \quad 5\frac{3}{7} \div 5\frac{6}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

## Opérations avec deux fractions mixtes (I) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 5\frac{1}{3} + 1\frac{4}{14} = \frac{16}{3} + \frac{18}{14} = \frac{224}{42} + \frac{54}{42} = \frac{278}{42} = \frac{139}{21} = 6\frac{13}{21}$$

$$2. \quad 5\frac{3}{4} - 2\frac{10}{17} = \frac{23}{4} - \frac{44}{17} = \frac{391}{68} - \frac{176}{68} = \frac{215}{68} = 3\frac{11}{68}$$

$$3. \quad 5\frac{1}{4} + 2\frac{16}{17} = \frac{21}{4} + \frac{50}{17} = \frac{357}{68} + \frac{200}{68} = \frac{557}{68} = 8\frac{13}{68}$$

$$4. \quad 5\frac{5}{9} - 2\frac{4}{10} = \frac{50}{9} - \frac{24}{10} = \frac{500}{90} - \frac{216}{90} = \frac{284}{90} = \frac{142}{45} = 3\frac{7}{45}$$

$$5. \quad 1\frac{2}{10} \times 5\frac{1}{3} = \frac{12}{10} \times \frac{16}{3} = \frac{192}{30} = \frac{32}{5} = 6\frac{2}{5}$$

$$6. \quad 1\frac{3}{5} \times 5\frac{5}{9} = \frac{8}{5} \times \frac{50}{9} = \frac{400}{45} = \frac{80}{9} = 8\frac{8}{9}$$

$$7. \quad 1\frac{5}{11} \times 5\frac{3}{5} = \frac{16}{11} \times \frac{28}{5} = \frac{448}{55} = 8\frac{8}{55}$$

$$8. \quad 5\frac{4}{7} + 2\frac{7}{13} = \frac{39}{7} + \frac{33}{13} = \frac{507}{91} + \frac{231}{91} = \frac{738}{91} = 8\frac{10}{91}$$

$$9. \quad 5\frac{3}{6} \div 1\frac{9}{17} = \frac{33}{6} \div \frac{26}{17} = \frac{33}{6} \times \frac{17}{26} = \frac{561}{156} = \frac{187}{52} = 3\frac{31}{52}$$

$$10. \quad 5\frac{3}{7} \div 5\frac{6}{9} = \frac{38}{7} \div \frac{51}{9} = \frac{38}{7} \times \frac{9}{51} = \frac{342}{357} = \frac{114}{119}$$

## Opérations avec deux fractions mixtes (J)

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 2\frac{2}{14} \div 5\frac{6}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$2. \quad 5\frac{1}{6} \div 2\frac{11}{14} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$3. \quad 5\frac{2}{9} + 2\frac{14}{20} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$$

$$4. \quad 1\frac{9}{16} \times 5\frac{2}{6} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

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

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

$$7. \quad 5\frac{4}{7} - 3\frac{15}{19} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$8. \quad 5\frac{5}{7} + 2\frac{1}{3} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

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

$$10. \quad 5\frac{2}{7} + 2\frac{17}{19} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

## Opérations avec deux fractions mixtes (J) Réponses

Nom: \_\_\_\_\_

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

Note: \_\_\_\_\_

Calculez chaque résultat.

$$1. \quad 2\frac{2}{14} \div 5\frac{6}{7} = \frac{30}{14} \div \frac{41}{7} = \frac{30}{14} \times \frac{7}{41} = \frac{210}{574} = \frac{15}{41}$$

$$2. \quad 5\frac{1}{6} \div 2\frac{11}{14} = \frac{31}{6} \div \frac{39}{14} = \frac{31}{6} \times \frac{14}{39} = \frac{434}{234} = \frac{217}{117} = 1\frac{100}{117}$$

$$3. \quad 5\frac{2}{9} + 2\frac{14}{20} = \frac{47}{9} + \frac{54}{20} = \frac{940}{180} + \frac{486}{180} = \frac{1426}{180} = \frac{713}{90} = 7\frac{83}{90}$$

$$4. \quad 1\frac{9}{16} \times 5\frac{2}{6} = \frac{25}{16} \times \frac{32}{6} = \frac{800}{96} = \frac{25}{3} = 8\frac{1}{3}$$

$$5. \quad 5\frac{1}{8} \div 5\frac{1}{4} = \frac{41}{8} \div \frac{21}{4} = \frac{41}{8} \times \frac{4}{21} = \frac{164}{168} = \frac{41}{42}$$

$$6. \quad 5\frac{4}{5} - 4\frac{5}{9} = \frac{29}{5} - \frac{41}{9} = \frac{261}{45} - \frac{205}{45} = \frac{56}{45} = 1\frac{11}{45}$$

$$7. \quad 5\frac{4}{7} - 3\frac{15}{19} = \frac{39}{7} - \frac{72}{19} = \frac{741}{133} - \frac{504}{133} = \frac{237}{133} = 1\frac{104}{133}$$

$$8. \quad 5\frac{5}{7} + 2\frac{1}{3} = \frac{40}{7} + \frac{7}{3} = \frac{120}{21} + \frac{49}{21} = \frac{169}{21} = 8\frac{1}{21}$$

$$9. \quad 1\frac{1}{2} \times 5\frac{1}{6} = \frac{3}{2} \times \frac{31}{6} = \frac{93}{12} = \frac{31}{4} = 7\frac{3}{4}$$

$$10. \quad 5\frac{2}{7} + 2\frac{17}{19} = \frac{37}{7} + \frac{55}{19} = \frac{703}{133} + \frac{385}{133} = \frac{1088}{133} = 8\frac{24}{133}$$