

Opérations avec deux fractions mixtes (A)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

Convert ↑ Inversion Solve Simplify

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

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

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

$$5. \quad 4\frac{10}{11} \div 5\frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

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

$$7. \quad 5\frac{6}{19} \div 5\frac{1}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$8. \quad 5\frac{2}{3} + 2\frac{1}{15} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$9. \quad 5\frac{1}{3} - 2\frac{1}{6} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

Opérations avec deux fractions mixtes (A) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{2}{5} \div 5\frac{4}{6} = \frac{27}{5} \div \frac{34}{6} = \frac{27}{5} \times \frac{6}{34} = \frac{162}{170} = \frac{81}{85}$$

$$2. \quad 5\frac{1}{4} + 2\frac{1}{2} = \frac{21}{4} + \frac{5}{2} = \frac{21}{4} + \frac{10}{4} = \frac{31}{4} = 7\frac{3}{4}$$

$$3. \quad 5\frac{5}{8} \times 1\frac{2}{19} = \frac{45}{8} \times \frac{21}{19} = \frac{945}{152} = 6\frac{33}{152}$$

$$4. \quad 5\frac{1}{8} \times 1\frac{8}{15} = \frac{41}{8} \times \frac{23}{15} = \frac{943}{120} = 7\frac{103}{120}$$

$$5. \quad 4\frac{10}{11} \div 5\frac{5}{6} = \frac{54}{11} \div \frac{35}{6} = \frac{54}{11} \times \frac{6}{35} = \frac{324}{385}$$

$$6. \quad 1\frac{2}{9} \times 5\frac{2}{4} = \frac{11}{9} \times \frac{22}{4} = \frac{242}{36} = \frac{121}{18} = 6\frac{13}{18}$$

$$7. \quad 5\frac{6}{19} \div 5\frac{1}{8} = \frac{101}{19} \div \frac{41}{8} = \frac{101}{19} \times \frac{8}{41} = \frac{808}{779} = 1\frac{29}{779}$$

$$8. \quad 5\frac{2}{3} + 2\frac{1}{15} = \frac{17}{3} + \frac{31}{15} = \frac{85}{15} + \frac{31}{15} = \frac{116}{15} = 7\frac{11}{15}$$

$$9. \quad 5\frac{1}{3} - 2\frac{1}{6} = \frac{16}{3} - \frac{13}{6} = \frac{32}{6} - \frac{13}{6} = \frac{19}{6} = 3\frac{1}{6}$$

$$10. \quad 5\frac{5}{6} + 1\frac{1}{3} = \frac{35}{6} + \frac{4}{3} = \frac{35}{6} + \frac{8}{6} = \frac{43}{6} = 7\frac{1}{6}$$

Opérations avec deux fractions mixtes (B)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 1\frac{5}{17} \times 5\frac{8}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

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

$$4. \quad 5\frac{1}{3} \div 2\frac{13}{14} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$5. \quad 5\frac{3}{7} - 3\frac{11}{14} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$6. \quad 5\frac{2}{3} + 1\frac{2}{9} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

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

$$8. \quad 2\frac{5}{9} \div 5\frac{2}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$9. \quad 5\frac{1}{3} \div 3\frac{10}{17} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$10. \quad 5\frac{13}{16} - 5\frac{3}{8} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

Opérations avec deux fractions mixtes (B) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 1\frac{5}{17} \times 5\frac{8}{9} = \frac{22}{17} \times \frac{53}{9} = \frac{1166}{153} = 7\frac{95}{153}$$

$$2. \quad 5\frac{2}{3} + 2\frac{3}{6} = \frac{17}{3} + \frac{15}{6} = \frac{34}{6} + \frac{15}{6} = \frac{49}{6} = 8\frac{1}{6}$$

$$3. \quad 5\frac{3}{8} - 2\frac{1}{4} = \frac{43}{8} - \frac{9}{4} = \frac{43}{8} - \frac{18}{8} = \frac{25}{8} = 3\frac{1}{8}$$

$$4. \quad 5\frac{1}{3} \div 2\frac{13}{14} = \frac{16}{3} \div \frac{41}{14} = \frac{16}{3} \times \frac{14}{41} = \frac{224}{123} = 1\frac{101}{123}$$

$$5. \quad 5\frac{3}{7} - 3\frac{11}{14} = \frac{38}{7} - \frac{53}{14} = \frac{76}{14} - \frac{53}{14} = \frac{23}{14} = 1\frac{9}{14}$$

$$6. \quad 5\frac{2}{3} + 1\frac{2}{9} = \frac{17}{3} + \frac{11}{9} = \frac{51}{9} + \frac{11}{9} = \frac{62}{9} = 6\frac{8}{9}$$

$$7. \quad 5\frac{7}{9} + 1\frac{2}{3} = \frac{52}{9} + \frac{5}{3} = \frac{52}{9} + \frac{15}{9} = \frac{67}{9} = 7\frac{4}{9}$$

$$8. \quad 2\frac{5}{9} \div 5\frac{2}{4} = \frac{23}{9} \div \frac{22}{4} = \frac{23}{9} \times \frac{4}{22} = \frac{92}{198} = \frac{46}{99}$$

$$9. \quad 5\frac{1}{3} \div 3\frac{10}{17} = \frac{16}{3} \div \frac{61}{17} = \frac{16}{3} \times \frac{17}{61} = \frac{272}{183} = 1\frac{89}{183}$$

$$10. \quad 5\frac{13}{16} - 5\frac{3}{8} = \frac{93}{16} - \frac{43}{8} = \frac{93}{16} - \frac{86}{16} = \frac{7}{16}$$

Opérations avec deux fractions mixtes (C)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{2}{3} + 2\frac{3}{12} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$2. \quad 2\frac{15}{19} \div 5\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

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

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

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

$$6. \quad 5\frac{4}{5} - 2\frac{7}{20} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

$$7. \quad 5\frac{3}{4} + 1\frac{4}{12} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$8. \quad 5\frac{5}{7} \times 1\frac{4}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

$$10. \quad 5\frac{3}{6} \div 5\frac{3}{19} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

Opérations avec deux fractions mixtes (C) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{2}{3} + 2\frac{3}{12} = \frac{17}{3} + \frac{27}{12} = \frac{68}{12} + \frac{27}{12} = \frac{95}{12} = 7\frac{11}{12}$$

$$2. \quad 2\frac{15}{19} \div 5\frac{7}{9} = \frac{53}{19} \div \frac{52}{9} = \frac{53}{19} \times \frac{9}{52} = \frac{477}{988}$$

$$3. \quad 5\frac{8}{9} - 4\frac{2}{3} = \frac{53}{9} - \frac{14}{3} = \frac{53}{9} - \frac{42}{9} = \frac{11}{9} = 1\frac{2}{9}$$

$$4. \quad 2\frac{1}{3} \div 5\frac{2}{4} = \frac{7}{3} \div \frac{22}{4} = \frac{7}{3} \times \frac{4}{22} = \frac{28}{66} = \frac{14}{33}$$

$$5. \quad 5\frac{4}{9} - 3\frac{2}{3} = \frac{49}{9} - \frac{11}{3} = \frac{49}{9} - \frac{33}{9} = \frac{16}{9} = 1\frac{7}{9}$$

$$6. \quad 5\frac{4}{5} - 2\frac{7}{20} = \frac{29}{5} - \frac{47}{20} = \frac{116}{20} - \frac{47}{20} = \frac{69}{20} = 3\frac{9}{20}$$

$$7. \quad 5\frac{3}{4} + 1\frac{4}{12} = \frac{23}{4} + \frac{16}{12} = \frac{69}{12} + \frac{16}{12} = \frac{85}{12} = 7\frac{1}{12}$$

$$8. \quad 5\frac{5}{7} \times 1\frac{4}{9} = \frac{40}{7} \times \frac{13}{9} = \frac{520}{63} = 8\frac{16}{63}$$

$$9. \quad 1\frac{3}{7} \times 5\frac{5}{7} = \frac{10}{7} \times \frac{40}{7} = \frac{400}{49} = 8\frac{8}{49}$$

$$10. \quad 5\frac{3}{6} \div 5\frac{3}{19} = \frac{33}{6} \div \frac{98}{19} = \frac{33}{6} \times \frac{19}{98} = \frac{627}{588} = \frac{209}{196} = 1\frac{13}{196}$$

Opérations avec deux fractions mixtes (D)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{5}{7} \div 3\frac{9}{16} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

4. $1\frac{3}{13} \times 5\frac{1}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $5\frac{7}{8} + 3\frac{1}{16} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$

6. $5\frac{2}{8} + 2\frac{7}{16} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$

7. $5\frac{1}{2} + 2\frac{9}{16} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$

8. $4\frac{9}{11} \div 5\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

9. $5\frac{7}{9} - 2\frac{3}{18} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

10. $5\frac{7}{9} - 3\frac{1}{3} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

Opérations avec deux fractions mixtes (D) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{5}{7} \div 3\frac{9}{16} = \frac{40}{7} \div \frac{57}{16} = \frac{40}{7} \times \frac{16}{57} = \frac{640}{399} = 1\frac{241}{399}$$

$$2. \quad 1\frac{4}{17} \times 5\frac{1}{2} = \frac{21}{17} \times \frac{11}{2} = \frac{231}{34} = 6\frac{27}{34}$$

$$3. \quad 5\frac{1}{6} \div 5\frac{6}{7} = \frac{31}{6} \div \frac{41}{7} = \frac{31}{6} \times \frac{7}{41} = \frac{217}{246}$$

$$4. \quad 1\frac{3}{13} \times 5\frac{1}{7} = \frac{16}{13} \times \frac{36}{7} = \frac{576}{91} = 6\frac{30}{91}$$

$$5. \quad 5\frac{7}{8} + 3\frac{1}{16} = \frac{47}{8} + \frac{49}{16} = \frac{94}{16} + \frac{49}{16} = \frac{143}{16} = 8\frac{15}{16}$$

$$6. \quad 5\frac{2}{8} + 2\frac{7}{16} = \frac{42}{8} + \frac{39}{16} = \frac{84}{16} + \frac{39}{16} = \frac{123}{16} = 7\frac{11}{16}$$

$$7. \quad 5\frac{1}{2} + 2\frac{9}{16} = \frac{11}{2} + \frac{41}{16} = \frac{88}{16} + \frac{41}{16} = \frac{129}{16} = 8\frac{1}{16}$$

$$8. \quad 4\frac{9}{11} \div 5\frac{7}{9} = \frac{53}{11} \div \frac{52}{9} = \frac{53}{11} \times \frac{9}{52} = \frac{477}{572}$$

$$9. \quad 5\frac{7}{9} - 2\frac{3}{18} = \frac{52}{9} - \frac{39}{18} = \frac{104}{18} - \frac{39}{18} = \frac{65}{18} = 3\frac{11}{18}$$

$$10. \quad 5\frac{7}{9} - 3\frac{1}{3} = \frac{52}{9} - \frac{10}{3} = \frac{52}{9} - \frac{30}{9} = \frac{22}{9} = 2\frac{4}{9}$$

Opérations avec deux fractions mixtes (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

$$2. \quad 5\frac{1}{2} + 2\frac{17}{20} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$3. \quad 4\frac{1}{8} \div 5\frac{1}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$

$$4. \quad 5\frac{2}{9} - 1\frac{2}{3} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

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

$$7. \quad 5\frac{1}{9} - 4\frac{1}{3} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$$

$$8. \quad 5\frac{4}{5} + 2\frac{15}{20} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$9. \quad 5\frac{5}{8} \times 1\frac{2}{13} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

Opérations avec deux fractions mixtes (E) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 3\frac{4}{5} \div 5\frac{2}{6} = \frac{19}{5} \div \frac{32}{6} = \frac{19}{5} \times \frac{6}{32} = \frac{114}{160} = \frac{57}{80}$$

$$2. \quad 5\frac{1}{2} + 2\frac{17}{20} = \frac{11}{2} + \frac{57}{20} = \frac{110}{20} + \frac{57}{20} = \frac{167}{20} = 8\frac{7}{20}$$

$$3. \quad 4\frac{1}{8} \div 5\frac{1}{9} = \frac{33}{8} \div \frac{46}{9} = \frac{33}{8} \times \frac{9}{46} = \frac{297}{368}$$

$$4. \quad 5\frac{2}{9} - 1\frac{2}{3} = \frac{47}{9} - \frac{5}{3} = \frac{47}{9} - \frac{15}{9} = \frac{32}{9} = 3\frac{5}{9}$$

$$5. \quad 5\frac{3}{4} - 5\frac{1}{2} = \frac{23}{4} - \frac{11}{2} = \frac{23}{4} - \frac{22}{4} = \frac{1}{4}$$

$$6. \quad 5\frac{3}{5} \div 3\frac{2}{9} = \frac{28}{5} \div \frac{29}{9} = \frac{28}{5} \times \frac{9}{29} = \frac{252}{145} = 1\frac{107}{145}$$

$$7. \quad 5\frac{1}{9} - 4\frac{1}{3} = \frac{46}{9} - \frac{13}{3} = \frac{46}{9} - \frac{39}{9} = \frac{7}{9}$$

$$8. \quad 5\frac{4}{5} + 2\frac{15}{20} = \frac{29}{5} + \frac{55}{20} = \frac{116}{20} + \frac{55}{20} = \frac{171}{20} = 8\frac{11}{20}$$

$$9. \quad 5\frac{5}{8} \times 1\frac{2}{13} = \frac{45}{8} \times \frac{15}{13} = \frac{675}{104} = 6\frac{51}{104}$$

$$10. \quad 5\frac{2}{6} \times 1\frac{2}{3} = \frac{32}{6} \times \frac{5}{3} = \frac{160}{18} = \frac{80}{9} = 8\frac{8}{9}$$

Opérations avec deux fractions mixtes (F)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

$$3. \quad 5\frac{2}{6} + 3\frac{5}{18} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$4. \quad 5\frac{8}{9} \div 1\frac{4}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$5. \quad 5\frac{2}{7} - 4\frac{3}{14} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$7. \quad 5\frac{2}{5} - 3\frac{10}{15} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

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

$$9. \quad 1\frac{8}{15} \times 5\frac{2}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$10. \quad 5\frac{4}{6} - 5\frac{3}{12} = \text{---} - \text{---} = \text{---} = \text{---}$$

Opérations avec deux fractions mixtes (F) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{9}{11} \div 5\frac{1}{2} = \frac{64}{11} \div \frac{11}{2} = \frac{64}{11} \times \frac{2}{11} = \frac{128}{121} = 1\frac{7}{121}$$

$$2. \quad 5\frac{1}{8} \times 1\frac{1}{2} = \frac{41}{8} \times \frac{3}{2} = \frac{123}{16} = 7\frac{11}{16}$$

$$3. \quad 5\frac{2}{6} + 3\frac{5}{18} = \frac{32}{6} + \frac{59}{18} = \frac{96}{18} + \frac{59}{18} = \frac{155}{18} = 8\frac{11}{18}$$

$$4. \quad 5\frac{8}{9} \div 1\frac{4}{7} = \frac{53}{9} \div \frac{11}{7} = \frac{53}{9} \times \frac{7}{11} = \frac{371}{99} = 3\frac{74}{99}$$

$$5. \quad 5\frac{2}{7} - 4\frac{3}{14} = \frac{37}{7} - \frac{59}{14} = \frac{74}{14} - \frac{59}{14} = \frac{15}{14} = 1\frac{1}{14}$$

$$6. \quad 5\frac{1}{2} \div 3\frac{1}{3} = \frac{11}{2} \div \frac{10}{3} = \frac{11}{2} \times \frac{3}{10} = \frac{33}{20} = 1\frac{13}{20}$$

$$7. \quad 5\frac{2}{5} - 3\frac{10}{15} = \frac{27}{5} - \frac{55}{15} = \frac{81}{15} - \frac{55}{15} = \frac{26}{15} = 1\frac{11}{15}$$

$$8. \quad 5\frac{1}{3} \times 1\frac{2}{3} = \frac{16}{3} \times \frac{5}{3} = \frac{80}{9} = 8\frac{8}{9}$$

$$9. \quad 1\frac{8}{15} \times 5\frac{2}{7} = \frac{23}{15} \times \frac{37}{7} = \frac{851}{105} = 8\frac{11}{105}$$

$$10. \quad 5\frac{4}{6} - 5\frac{3}{12} = \frac{34}{6} - \frac{63}{12} = \frac{68}{12} - \frac{63}{12} = \frac{5}{12}$$

Opérations avec deux fractions mixtes (G)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{6}{7} - 2\frac{11}{14} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

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

4. $1\frac{9}{17} \times 5\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $5\frac{7}{9} \times 1\frac{5}{11} = \text{---} \times \text{---} = \text{---} = \text{---}$

6. $5\frac{1}{3} - 3\frac{3}{15} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

7. $5\frac{2}{5} - 1\frac{3}{10} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

8. $5\frac{2}{7} + 1\frac{7}{14} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$

9. $5\frac{3}{6} \div 1\frac{3}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

Opérations avec deux fractions mixtes (G) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{6}{7} - 2\frac{11}{14} = \frac{41}{7} - \frac{39}{14} = \frac{82}{14} - \frac{39}{14} = \frac{43}{14} = 3\frac{1}{14}$$

$$2. \quad 1\frac{6}{19} \div 5\frac{2}{6} = \frac{25}{19} \div \frac{32}{6} = \frac{25}{19} \times \frac{6}{32} = \frac{150}{608} = \frac{75}{304}$$

$$3. \quad 5\frac{4}{6} + 1\frac{1}{2} = \frac{34}{6} + \frac{3}{2} = \frac{34}{6} + \frac{9}{6} = \frac{43}{6} = 7\frac{1}{6}$$

$$4. \quad 1\frac{9}{17} \times 5\frac{1}{3} = \frac{26}{17} \times \frac{16}{3} = \frac{416}{51} = 8\frac{8}{51}$$

$$5. \quad 5\frac{7}{9} \times 1\frac{5}{11} = \frac{52}{9} \times \frac{16}{11} = \frac{832}{99} = 8\frac{40}{99}$$

$$6. \quad 5\frac{1}{3} - 3\frac{3}{15} = \frac{16}{3} - \frac{48}{15} = \frac{80}{15} - \frac{48}{15} = \frac{32}{15} = 2\frac{2}{15}$$

$$7. \quad 5\frac{2}{5} - 1\frac{3}{10} = \frac{27}{5} - \frac{13}{10} = \frac{54}{10} - \frac{13}{10} = \frac{41}{10} = 4\frac{1}{10}$$

$$8. \quad 5\frac{2}{7} + 1\frac{7}{14} = \frac{37}{7} + \frac{21}{14} = \frac{74}{14} + \frac{21}{14} = \frac{95}{14} = 6\frac{11}{14}$$

$$9. \quad 5\frac{3}{6} \div 1\frac{3}{7} = \frac{33}{6} \div \frac{10}{7} = \frac{33}{6} \times \frac{7}{10} = \frac{231}{60} = \frac{77}{20} = 3\frac{17}{20}$$

$$10. \quad 1\frac{1}{3} \times 5\frac{1}{5} = \frac{4}{3} \times \frac{26}{5} = \frac{104}{15} = 6\frac{14}{15}$$

Opérations avec deux fractions mixtes (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{2}{4} - 3\frac{11}{12} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

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

4. $5\frac{1}{8} + 2\frac{1}{4} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$

5. $5\frac{1}{3} \div 3\frac{19}{20} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

9. $5\frac{1}{4} - 2\frac{2}{12} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

Opérations avec deux fractions mixtes (H) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{2}{4} - 3\frac{11}{12} = \frac{22}{4} - \frac{47}{12} = \frac{66}{12} - \frac{47}{12} = \frac{19}{12} = 1\frac{7}{12}$$

$$2. \quad 5\frac{2}{19} \div 5\frac{2}{4} = \frac{97}{19} \div \frac{22}{4} = \frac{97}{19} \times \frac{4}{22} = \frac{388}{418} = \frac{194}{209}$$

$$3. \quad 5\frac{5}{6} \div 4\frac{4}{7} = \frac{35}{6} \div \frac{32}{7} = \frac{35}{6} \times \frac{7}{32} = \frac{245}{192} = 1\frac{53}{192}$$

$$4. \quad 5\frac{1}{8} + 2\frac{1}{4} = \frac{41}{8} + \frac{9}{4} = \frac{41}{8} + \frac{18}{8} = \frac{59}{8} = 7\frac{3}{8}$$

$$5. \quad 5\frac{1}{3} \div 3\frac{19}{20} = \frac{16}{3} \div \frac{79}{20} = \frac{16}{3} \times \frac{20}{79} = \frac{320}{237} = 1\frac{83}{237}$$

$$6. \quad 5\frac{2}{5} \times 1\frac{1}{7} = \frac{27}{5} \times \frac{8}{7} = \frac{216}{35} = 6\frac{6}{35}$$

$$7. \quad 5\frac{1}{7} \times 1\frac{1}{11} = \frac{36}{7} \times \frac{12}{11} = \frac{432}{77} = 5\frac{47}{77}$$

$$8. \quad 5\frac{1}{3} \times 1\frac{8}{17} = \frac{16}{3} \times \frac{25}{17} = \frac{400}{51} = 7\frac{43}{51}$$

$$9. \quad 5\frac{1}{4} - 2\frac{2}{12} = \frac{21}{4} - \frac{26}{12} = \frac{63}{12} - \frac{26}{12} = \frac{37}{12} = 3\frac{1}{12}$$

$$10. \quad 5\frac{2}{9} - 2\frac{2}{3} = \frac{47}{9} - \frac{8}{3} = \frac{47}{9} - \frac{24}{9} = \frac{23}{9} = 2\frac{5}{9}$$

Opérations avec deux fractions mixtes (I)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{3}{9} - 2\frac{17}{18} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

2. $5\frac{2}{6} - 4\frac{5}{18} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$

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

4. $1\frac{4}{19} \times 5\frac{6}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

9. $5\frac{6}{10} - 5\frac{1}{2} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---}$

10. $5\frac{1}{4} + 3\frac{1}{2} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$

Opérations avec deux fractions mixtes (I) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{3}{9} - 2\frac{17}{18} = \frac{48}{9} - \frac{53}{18} = \frac{96}{18} - \frac{53}{18} = \frac{43}{18} = 2\frac{7}{18}$$

$$2. \quad 5\frac{2}{6} - 4\frac{5}{18} = \frac{32}{6} - \frac{77}{18} = \frac{96}{18} - \frac{77}{18} = \frac{19}{18} = 1\frac{1}{18}$$

$$3. \quad 5\frac{1}{4} \div 5\frac{2}{3} = \frac{21}{4} \div \frac{17}{3} = \frac{21}{4} \times \frac{3}{17} = \frac{63}{68}$$

$$4. \quad 1\frac{4}{19} \times 5\frac{6}{9} = \frac{23}{19} \times \frac{51}{9} = \frac{1173}{171} = \frac{391}{57} = 6\frac{49}{57}$$

$$5. \quad 5\frac{5}{9} \div 1\frac{1}{2} = \frac{50}{9} \div \frac{3}{2} = \frac{50}{9} \times \frac{2}{3} = \frac{100}{27} = 3\frac{19}{27}$$

$$6. \quad 5\frac{4}{8} \div 1\frac{4}{5} = \frac{44}{8} \div \frac{9}{5} = \frac{44}{8} \times \frac{5}{9} = \frac{220}{72} = \frac{55}{18} = 3\frac{1}{18}$$

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

$$8. \quad 1\frac{3}{10} \times 5\frac{1}{2} = \frac{13}{10} \times \frac{11}{2} = \frac{143}{20} = 7\frac{3}{20}$$

$$9. \quad 5\frac{6}{10} - 5\frac{1}{2} = \frac{56}{10} - \frac{11}{2} = \frac{56}{10} - \frac{55}{10} = \frac{1}{10}$$

$$10. \quad 5\frac{1}{4} + 3\frac{1}{2} = \frac{21}{4} + \frac{7}{2} = \frac{21}{4} + \frac{14}{4} = \frac{35}{4} = 8\frac{3}{4}$$

Opérations avec deux fractions mixtes (J)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{2}{8} \times 1\frac{6}{11} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

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

$$3. \quad 5\frac{1}{7} \div 1\frac{4}{19} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

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

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

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

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

$$9. \quad 1\frac{6}{11} \times 5\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$10. \quad 5\frac{2}{3} - 1\frac{5}{18} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---}$$

Opérations avec deux fractions mixtes (J) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

$$1. \quad 5\frac{2}{8} \times 1\frac{6}{11} = \frac{42}{8} \times \frac{17}{11} = \frac{714}{88} = \frac{357}{44} = 8\frac{5}{44}$$

$$2. \quad 5\frac{2}{3} + 2\frac{1}{6} = \frac{17}{3} + \frac{13}{6} = \frac{34}{6} + \frac{13}{6} = \frac{47}{6} = 7\frac{5}{6}$$

$$3. \quad 5\frac{1}{7} \div 1\frac{4}{19} = \frac{36}{7} \div \frac{23}{19} = \frac{36}{7} \times \frac{19}{23} = \frac{684}{161} = 4\frac{40}{161}$$

$$4. \quad 5\frac{6}{7} \div 5\frac{1}{3} = \frac{41}{7} \div \frac{16}{3} = \frac{41}{7} \times \frac{3}{16} = \frac{123}{112} = 1\frac{11}{112}$$

$$5. \quad 5\frac{7}{8} + 2\frac{2}{4} = \frac{47}{8} + \frac{10}{4} = \frac{47}{8} + \frac{20}{8} = \frac{67}{8} = 8\frac{3}{8}$$

$$6. \quad 5\frac{2}{3} + 1\frac{1}{6} = \frac{17}{3} + \frac{7}{6} = \frac{34}{6} + \frac{7}{6} = \frac{41}{6} = 6\frac{5}{6}$$

$$7. \quad 5\frac{1}{2} - 5\frac{1}{4} = \frac{11}{2} - \frac{21}{4} = \frac{22}{4} - \frac{21}{4} = \frac{1}{4}$$

$$8. \quad 2\frac{2}{3} \div 5\frac{1}{8} = \frac{8}{3} \div \frac{41}{8} = \frac{8}{3} \times \frac{8}{41} = \frac{64}{123}$$

$$9. \quad 1\frac{6}{11} \times 5\frac{2}{3} = \frac{17}{11} \times \frac{17}{3} = \frac{289}{33} = 8\frac{25}{33}$$

$$10. \quad 5\frac{2}{3} - 1\frac{5}{18} = \frac{17}{3} - \frac{23}{18} = \frac{102}{18} - \frac{23}{18} = \frac{79}{18} = 4\frac{7}{18}$$