

Opérations avec deux fractions mixtes (F)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{3}{6} - 3\frac{4}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $1\frac{11}{18} \times 5\frac{3}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

4. $5\frac{6}{9} - 1\frac{3}{13} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $5\frac{4}{6} - 4\frac{1}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $3\frac{5}{20} \div 5\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

8. $5\frac{6}{8} \div 5\frac{5}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $1\frac{2}{6} \times 5\frac{2}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $5\frac{2}{4} + 1\frac{2}{9} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Opérations avec deux fractions mixtes (F) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{3}{6} - 3\frac{4}{5} = \frac{33}{6} - \frac{19}{5} = \frac{165}{30} - \frac{114}{30} = \frac{51}{30} = \frac{17}{10} = 1\frac{7}{10}$$

$$2. \quad 1\frac{11}{18} \times 5\frac{3}{9} = \frac{29}{18} \times \frac{48}{9} = \frac{1392}{162} = \frac{232}{27} = 8\frac{16}{27}$$

$$3. \quad 1\frac{2}{6} \times 5\frac{2}{3} = \frac{8}{6} \times \frac{17}{3} = \frac{136}{18} = \frac{68}{9} = 7\frac{5}{9}$$

$$4. \quad 5\frac{6}{9} - 1\frac{3}{13} = \frac{51}{9} - \frac{16}{13} = \frac{663}{117} - \frac{144}{117} = \frac{519}{117} = \frac{173}{39} = 4\frac{17}{39}$$

$$5. \quad 5\frac{4}{6} - 4\frac{1}{7} = \frac{34}{6} - \frac{29}{7} = \frac{238}{42} - \frac{174}{42} = \frac{64}{42} = \frac{32}{21} = 1\frac{11}{21}$$

$$6. \quad 3\frac{5}{20} \div 5\frac{1}{2} = \frac{65}{20} \div \frac{11}{2} = \frac{65}{20} \times \frac{2}{11} = \frac{130}{220} = \frac{13}{22}$$

$$7. \quad 2\frac{9}{18} \div 5\frac{2}{3} = \frac{45}{18} \div \frac{17}{3} = \frac{45}{18} \times \frac{3}{17} = \frac{135}{306} = \frac{15}{34}$$

$$8. \quad 5\frac{6}{8} \div 5\frac{5}{7} = \frac{46}{8} \div \frac{40}{7} = \frac{46}{8} \times \frac{7}{40} = \frac{322}{320} = \frac{161}{160} = 1\frac{1}{160}$$

$$9. \quad 1\frac{2}{6} \times 5\frac{2}{7} = \frac{8}{6} \times \frac{37}{7} = \frac{296}{42} = \frac{148}{21} = 7\frac{1}{21}$$

$$10. \quad 5\frac{2}{4} + 1\frac{2}{9} = \frac{22}{4} + \frac{11}{9} = \frac{198}{36} + \frac{44}{36} = \frac{242}{36} = \frac{121}{18} = 6\frac{13}{18}$$