Opérations avec deux fractions mixtes (F)

Nom: _____ Date: _____ Note: _____

Calculez chaque résultat.

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

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

3. $5\frac{1}{3} - 3\frac{14}{15} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

5. $5\frac{6}{8} + 2\frac{5}{16} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

7. $5\frac{2}{4} + 2\frac{9}{12} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $4\frac{8}{16} \div 5\frac{2}{9} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $5\frac{6}{8} \div 3\frac{6}{10} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

Opérations avec deux fractions mixtes (F) Réponses

Nom: _____ Date: _____ Note: _____

Calculez chaque résultat.

1. $5\frac{5}{6} - 1\frac{1}{3} = \frac{35}{6} - \frac{4}{3} = \frac{35}{6} - \frac{8}{6} = \frac{27}{6} = \frac{9}{2} = 4\frac{1}{2}$

2. $5\frac{1}{3} \div 2\frac{3}{11} = \frac{16}{3} \div \frac{25}{11} = \frac{16}{3} \times \frac{11}{25} = \frac{176}{75} = 2\frac{26}{75}$

3. $5\frac{1}{3} - 3\frac{14}{15} = \frac{16}{3} - \frac{59}{15} = \frac{80}{15} - \frac{59}{15} = \frac{21}{15} = \frac{7}{5} = 1\frac{2}{5}$

4. $5\frac{1}{4} + 2\frac{5}{8} = \frac{21}{4} + \frac{21}{8} = \frac{42}{8} + \frac{21}{8} = \frac{63}{8} = 7\frac{7}{8}$

5. $5\frac{6}{8} + 2\frac{5}{16} = \frac{46}{8} + \frac{37}{16} = \frac{92}{16} + \frac{37}{16} = \frac{129}{16} = 8\frac{1}{16}$

6. $5\frac{1}{3} - 5\frac{1}{9} = \frac{16}{3} - \frac{46}{9} = \frac{48}{9} - \frac{46}{9} = \frac{2}{9}$

7. $5\frac{2}{4} + 2\frac{9}{12} = \frac{22}{4} + \frac{33}{12} = \frac{66}{12} + \frac{33}{12} = \frac{99}{12} = \frac{33}{4} = 8\frac{1}{4}$

8. $4\frac{8}{16} \div 5\frac{2}{9} = \frac{72}{16} \div \frac{47}{9} = \frac{72}{16} \times \frac{9}{47} = \frac{648}{752} = \frac{81}{94}$

9. $5\frac{6}{8} \div 3\frac{6}{10} = \frac{46}{8} \div \frac{36}{10} = \frac{46}{8} \times \frac{10}{36} = \frac{460}{288} = \frac{115}{72} = 1\frac{43}{72}$

10. $1\frac{3}{7} \times 5\frac{1}{7} = \frac{10}{7} \times \frac{36}{7} = \frac{360}{49} = 7\frac{17}{49}$