Opérations avec deux fractions mixtes (I)

Nom: _____ Date: _____ Note: _____

Calculez chaque résultat.

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

2. $1\frac{2}{20} \times 5\frac{2}{4} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

3. $5\frac{2}{5} + 3\frac{8}{16} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

6. $1\frac{8}{16} \times 5\frac{8}{9} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $5\frac{2}{4} + 2\frac{6}{15} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

10. $5\frac{5}{7} \div 4\frac{6}{9} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Opérations avec deux fractions mixtes (I) Réponses

Nom: _____ Date: _____ Note: _____

Calculez chaque résultat.

1. $5\frac{2}{3} \times 1\frac{2}{17} = \frac{17}{3} \times \frac{19}{17} = \frac{323}{51} = \frac{19}{3} = 6\frac{1}{3}$

2. $1\frac{2}{20} \times 5\frac{2}{4} = \frac{22}{20} \times \frac{22}{4} = \frac{484}{80} = \frac{121}{20} = 6\frac{1}{20}$

3. $5\frac{2}{5} + 3\frac{8}{16} = \frac{27}{5} + \frac{56}{16} = \frac{432}{80} + \frac{280}{80} = \frac{712}{80} = \frac{89}{10} = 8\frac{9}{10}$

4. $4\frac{1}{5} \div 5\frac{1}{4} = \frac{21}{5} \div \frac{21}{4} = \frac{21}{5} \times \frac{4}{21} = \frac{84}{105} = \frac{4}{5}$

5. $5\frac{2}{4} - 5\frac{2}{7} = \frac{22}{4} - \frac{37}{7} = \frac{154}{28} - \frac{148}{28} = \frac{6}{28} = \frac{3}{14}$

6. $1\frac{8}{16} \times 5\frac{8}{9} = \frac{24}{16} \times \frac{53}{9} = \frac{1272}{144} = \frac{53}{6} = 8\frac{5}{6}$

7. $5\frac{2}{4} + 2\frac{6}{15} = \frac{22}{4} + \frac{36}{15} = \frac{330}{60} + \frac{144}{60} = \frac{474}{60} = \frac{79}{10} = 7\frac{9}{10}$

8. $2\frac{2}{3} \div 5\frac{2}{3} = \frac{8}{3} \div \frac{17}{3} = \frac{8}{3} \times \frac{3}{17} = \frac{24}{51} = \frac{8}{17}$

9. $5\frac{2}{4} + 3\frac{1}{3} = \frac{22}{4} + \frac{10}{3} = \frac{66}{12} + \frac{40}{12} = \frac{106}{12} = \frac{53}{6} = 8\frac{5}{6}$

10. $5\frac{5}{7} \div 4\frac{6}{9} = \frac{40}{7} \div \frac{42}{9} = \frac{40}{7} \times \frac{9}{42} = \frac{360}{294} = \frac{60}{49} = 1\frac{11}{49}$