Opérations avec deux fractions mixtes (G)

Nom: _____ Date: _____ Note: _____

Calculez chaque résultat.

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

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

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

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

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

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

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

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

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

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

Opérations avec deux fractions mixtes (G) Réponses

Nom: _____ Date: _____ Note: _____

Calculez chaque résultat.

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

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

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

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

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

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

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

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

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

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