

Opérations avec deux fractions mixtes (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

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

4. $4\frac{7}{9} \div 5\frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $1\frac{3}{7} \div 5\frac{5}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $5\frac{2}{4} + 1\frac{1}{3} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $5\frac{2}{6} \div 1\frac{3}{16} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $5\frac{2}{4} + 1\frac{7}{13} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10. $5\frac{2}{3} \times 1\frac{8}{20} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Opérations avec deux fractions mixtes (H) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{3}{9} - 1\frac{3}{5} = \frac{48}{9} - \frac{8}{5} = \frac{240}{45} - \frac{72}{45} = \frac{168}{45} = \frac{56}{15} = 3\frac{11}{15}$$

$$2. \quad 5\frac{2}{4} - 2\frac{8}{9} = \frac{22}{4} - \frac{26}{9} = \frac{198}{36} - \frac{104}{36} = \frac{94}{36} = \frac{47}{18} = 2\frac{11}{18}$$

$$3. \quad 5\frac{2}{4} - 1\frac{1}{3} = \frac{22}{4} - \frac{4}{3} = \frac{66}{12} - \frac{16}{12} = \frac{50}{12} = \frac{25}{6} = 4\frac{1}{6}$$

$$4. \quad 4\frac{7}{9} \div 5\frac{2}{3} = \frac{43}{9} \div \frac{17}{3} = \frac{43}{9} \times \frac{3}{17} = \frac{129}{153} = \frac{43}{51}$$

$$5. \quad 1\frac{3}{7} \div 5\frac{5}{9} = \frac{10}{7} \div \frac{50}{9} = \frac{10}{7} \times \frac{9}{50} = \frac{90}{350} = \frac{9}{35}$$

$$6. \quad 5\frac{2}{4} + 1\frac{1}{3} = \frac{22}{4} + \frac{4}{3} = \frac{66}{12} + \frac{16}{12} = \frac{82}{12} = \frac{41}{6} = 6\frac{5}{6}$$

$$7. \quad 5\frac{2}{6} \div 1\frac{3}{16} = \frac{32}{6} \div \frac{19}{16} = \frac{32}{6} \times \frac{16}{19} = \frac{512}{114} = \frac{256}{57} = 4\frac{28}{57}$$

$$8. \quad 5\frac{2}{4} + 1\frac{7}{13} = \frac{22}{4} + \frac{20}{13} = \frac{286}{52} + \frac{80}{52} = \frac{366}{52} = \frac{183}{26} = 7\frac{1}{26}$$

$$9. \quad 5\frac{1}{5} + 3\frac{2}{6} = \frac{26}{5} + \frac{20}{6} = \frac{156}{30} + \frac{100}{30} = \frac{256}{30} = \frac{128}{15} = 8\frac{8}{15}$$

$$10. \quad 5\frac{2}{3} \times 1\frac{8}{20} = \frac{17}{3} \times \frac{28}{20} = \frac{476}{60} = \frac{119}{15} = 7\frac{14}{15}$$