

Opérations avec deux fractions mixtes (D)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

3. $2\frac{14}{17} \div 5\frac{2}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $5\frac{1}{2} \div 4\frac{13}{18} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6. $5\frac{2}{4} + 3\frac{4}{12} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

8. $5\frac{4}{5} \times 1\frac{7}{14} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $5\frac{12}{14} - 5\frac{2}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $5\frac{5}{6} \times 1\frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Opérations avec deux fractions mixtes (D) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{1}{3} - 1\frac{2}{15} = \frac{16}{3} - \frac{17}{15} = \frac{80}{15} - \frac{17}{15} = \frac{63}{15} = \frac{21}{5} = 4\frac{1}{5}$$

$$2. \quad 5\frac{5}{6} \div 1\frac{5}{15} = \frac{35}{6} \div \frac{20}{15} = \frac{35}{6} \times \frac{15}{20} = \frac{525}{120} = \frac{35}{8} = 4\frac{3}{8}$$

$$3. \quad 2\frac{14}{17} \div 5\frac{2}{4} = \frac{48}{17} \div \frac{22}{4} = \frac{48}{17} \times \frac{4}{22} = \frac{192}{374} = \frac{96}{187}$$

$$4. \quad 5\frac{1}{2} \div 4\frac{13}{18} = \frac{11}{2} \div \frac{85}{18} = \frac{11}{2} \times \frac{18}{85} = \frac{198}{170} = \frac{99}{85} = 1\frac{14}{85}$$

$$5. \quad 5\frac{2}{8} + 2\frac{1}{2} = \frac{42}{8} + \frac{5}{2} = \frac{42}{8} + \frac{20}{8} = \frac{62}{8} = \frac{31}{4} = 7\frac{3}{4}$$

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

$$7. \quad 5\frac{2}{4} - 4\frac{1}{2} = \frac{22}{4} - \frac{9}{2} = \frac{22}{4} - \frac{18}{4} = \frac{4}{4} = 1$$

$$8. \quad 5\frac{4}{5} \times 1\frac{7}{14} = \frac{29}{5} \times \frac{21}{14} = \frac{609}{70} = \frac{87}{10} = 8\frac{7}{10}$$

$$9. \quad 5\frac{12}{14} - 5\frac{2}{7} = \frac{82}{14} - \frac{37}{7} = \frac{82}{14} - \frac{74}{14} = \frac{8}{14} = \frac{4}{7}$$

$$10. \quad 5\frac{5}{6} \times 1\frac{1}{2} = \frac{35}{6} \times \frac{3}{2} = \frac{105}{12} = \frac{35}{4} = 8\frac{3}{4}$$