

Opérations avec deux fractions mixtes (J)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{1}{2} \div 2\frac{5}{17} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $3\frac{8}{15} \div 5\frac{1}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $5\frac{1}{9} - 3\frac{8}{18} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---} = \text{---}$

4. $5\frac{2}{5} + 3\frac{6}{15} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$

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

6. $5\frac{1}{6} + 2\frac{2}{3} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---}$

7. $5\frac{3}{4} - 4\frac{1}{12} = \text{---} - \text{---} = \text{---} - \text{---} = \text{---} = \text{---} = \text{---}$

8. $5\frac{1}{2} + 1\frac{2}{12} = \text{---} + \text{---} = \text{---} + \text{---} = \text{---} = \text{---} = \text{---}$

9. $5\frac{11}{12} \div 5\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

10. $1\frac{7}{13} \times 5\frac{4}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

Opérations avec deux fractions mixtes (J) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{1}{2} \div 2\frac{5}{17} = \frac{11}{2} \div \frac{39}{17} = \frac{11}{2} \times \frac{17}{39} = \frac{187}{78} = 2\frac{31}{78}$$

$$2. \quad 3\frac{8}{15} \div 5\frac{1}{9} = \frac{53}{15} \div \frac{46}{9} = \frac{53}{15} \times \frac{9}{46} = \frac{477}{690} = \frac{159}{230}$$

$$3. \quad 5\frac{1}{9} - 3\frac{8}{18} = \frac{46}{9} - \frac{62}{18} = \frac{92}{18} - \frac{62}{18} = \frac{30}{18} = \frac{5}{3} = 1\frac{2}{3}$$

$$4. \quad 5\frac{2}{5} + 3\frac{6}{15} = \frac{27}{5} + \frac{51}{15} = \frac{81}{15} + \frac{51}{15} = \frac{132}{15} = \frac{44}{5} = 8\frac{4}{5}$$

$$5. \quad 5\frac{1}{2} - 3\frac{3}{4} = \frac{11}{2} - \frac{15}{4} = \frac{22}{4} - \frac{15}{4} = \frac{7}{4} = 1\frac{3}{4}$$

$$6. \quad 5\frac{1}{6} + 2\frac{2}{3} = \frac{31}{6} + \frac{8}{3} = \frac{31}{6} + \frac{16}{6} = \frac{47}{6} = 7\frac{5}{6}$$

$$7. \quad 5\frac{3}{4} - 4\frac{1}{12} = \frac{23}{4} - \frac{49}{12} = \frac{69}{12} - \frac{49}{12} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$8. \quad 5\frac{1}{2} + 1\frac{2}{12} = \frac{11}{2} + \frac{14}{12} = \frac{66}{12} + \frac{14}{12} = \frac{80}{12} = \frac{20}{3} = 6\frac{2}{3}$$

$$9. \quad 5\frac{11}{12} \div 5\frac{7}{9} = \frac{71}{12} \div \frac{52}{9} = \frac{71}{12} \times \frac{9}{52} = \frac{639}{624} = \frac{213}{208} = 1\frac{5}{208}$$

$$10. \quad 1\frac{7}{13} \times 5\frac{4}{9} = \frac{20}{13} \times \frac{49}{9} = \frac{980}{117} = 8\frac{44}{117}$$