

Opérations avec deux fractions mixtes (C)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $1\frac{1}{4} \div 5\frac{1}{2} =$

2. $5\frac{1}{3} \div 5\frac{1}{3} =$

3. $1\frac{5}{13} \times 5\frac{1}{3} =$

4. $5\frac{7}{9} \div 3\frac{1}{3} =$

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

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

7. $5\frac{1}{2} - 5\frac{1}{6} =$

8. $5\frac{1}{4} + 2\frac{7}{12} =$

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

10. $5\frac{1}{2} - 4\frac{11}{14} =$

Opérations avec deux fractions mixtes (C) Réponses

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Calculez chaque résultat.

$$1. \quad 1\frac{1}{4} \div 5\frac{1}{2} = \frac{5}{4} \div \frac{11}{2} = \frac{5}{4} \times \frac{2}{11} = \frac{10}{44} = \frac{5}{22}$$

$$2. \quad 5\frac{1}{3} \div 5\frac{1}{3} = \frac{16}{3} \div \frac{16}{3} = \frac{16}{3} \times \frac{3}{16} = \frac{48}{48} = 1$$

$$3. \quad 1\frac{5}{13} \times 5\frac{1}{3} = \frac{18}{13} \times \frac{16}{3} = \frac{288}{39} = \frac{96}{13} = 7\frac{5}{13}$$

$$4. \quad 5\frac{7}{9} \div 3\frac{1}{3} = \frac{52}{9} \div \frac{10}{3} = \frac{52}{9} \times \frac{3}{10} = \frac{156}{90} = \frac{26}{15} = 1\frac{11}{15}$$

$$5. \quad 5\frac{1}{2} + 1\frac{1}{2} = \frac{11}{2} + \frac{3}{2} = \frac{11}{2} + \frac{3}{2} = \frac{14}{2} = \frac{7}{1} = 7$$

$$6. \quad 5\frac{1}{6} + 1\frac{1}{2} = \frac{31}{6} + \frac{3}{2} = \frac{31}{6} + \frac{9}{6} = \frac{40}{6} = \frac{20}{3} = 6\frac{2}{3}$$

$$7. \quad 5\frac{1}{2} - 5\frac{1}{6} = \frac{11}{2} - \frac{31}{6} = \frac{33}{6} - \frac{31}{6} = \frac{2}{6} = \frac{1}{3}$$

$$8. \quad 5\frac{1}{4} + 2\frac{7}{12} = \frac{21}{4} + \frac{31}{12} = \frac{63}{12} + \frac{31}{12} = \frac{94}{12} = \frac{47}{6} = 7\frac{5}{6}$$

$$9. \quad 5\frac{1}{3} - 1\frac{1}{3} = \frac{16}{3} - \frac{4}{3} = \frac{16}{3} - \frac{4}{3} = \frac{12}{3} = \frac{4}{1} = 4$$

$$10. \quad 5\frac{1}{2} - 4\frac{11}{14} = \frac{11}{2} - \frac{67}{14} = \frac{77}{14} - \frac{67}{14} = \frac{10}{14} = \frac{5}{7}$$