

Opérations avec deux fractions mixtes (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

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

4. $5\frac{7}{9} - 3\frac{2}{9} =$

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

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

7. $1\frac{3}{10} \times 5\frac{7}{8} =$

8. $5\frac{3}{4} - 2\frac{1}{2} =$

9. $5\frac{3}{4} \div 4\frac{1}{2} =$

10. $5\frac{1}{2} \div 2\frac{11}{18} =$

Opérations avec deux fractions mixtes (E) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{1}{2} - 1\frac{1}{2} = \frac{11}{2} - \frac{3}{2} = \frac{8}{2} = \frac{4}{1} = 4$$

$$2. \quad 5\frac{1}{5} + 3\frac{3}{5} = \frac{26}{5} + \frac{18}{5} = \frac{44}{5} = 8\frac{4}{5}$$

$$3. \quad 5\frac{2}{5} \div 2\frac{1}{4} = \frac{27}{5} \div \frac{9}{4} = \frac{27}{5} \times \frac{4}{9} = \frac{108}{45} = \frac{12}{5} = 2\frac{2}{5}$$

$$4. \quad 5\frac{7}{9} - 3\frac{2}{9} = \frac{52}{9} - \frac{29}{9} = \frac{23}{9} = 2\frac{5}{9}$$

$$5. \quad 5\frac{2}{7} + 1\frac{3}{7} = \frac{37}{7} + \frac{10}{7} = \frac{47}{7} = 6\frac{5}{7}$$

$$6. \quad 5\frac{2}{3} + 1\frac{2}{3} = \frac{17}{3} + \frac{5}{3} = \frac{22}{3} = 7\frac{1}{3}$$

$$7. \quad 1\frac{3}{10} \times 5\frac{7}{8} = \frac{13}{10} \times \frac{47}{8} = \frac{611}{80} = 7\frac{51}{80}$$

$$8. \quad 5\frac{3}{4} - 2\frac{1}{2} = \frac{23}{4} - \frac{5}{2} = \frac{13}{4} = 3\frac{1}{4}$$

$$9. \quad 5\frac{3}{4} \div 4\frac{1}{2} = \frac{23}{4} \div \frac{9}{2} = \frac{23}{4} \times \frac{2}{9} = \frac{46}{36} = \frac{23}{18} = 1\frac{5}{18}$$

$$10. \quad 5\frac{1}{2} \div 2\frac{11}{18} = \frac{11}{2} \div \frac{47}{18} = \frac{11}{2} \times \frac{18}{47} = \frac{198}{94} = \frac{99}{47} = 2\frac{5}{47}$$