

Opérations avec deux fractions mixtes (F)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

2. $5\frac{3}{5} - 3\frac{1}{17} =$

3. $5\frac{2}{5} + 2\frac{5}{18} =$

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

5. $5\frac{4}{9} + 1\frac{9}{19} =$

6. $5\frac{5}{8} - 3\frac{8}{9} =$

7. $5\frac{3}{4} \div 2\frac{3}{8} =$

8. $5\frac{7}{8} - 2\frac{4}{5} =$

9. $5\frac{1}{7} \div 5\frac{1}{2} =$

10. $5\frac{2}{4} \times 1\frac{2}{4} =$

Opérations avec deux fractions mixtes (F) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{2}{3} + 1\frac{4}{8} = \frac{17}{3} + \frac{12}{8} = \frac{136}{24} + \frac{36}{24} = \frac{172}{24} = \frac{43}{6} = 7\frac{1}{6}$$

$$2. \quad 5\frac{3}{5} - 3\frac{1}{17} = \frac{28}{5} - \frac{52}{17} = \frac{476}{85} - \frac{260}{85} = \frac{216}{85} = 2\frac{46}{85}$$

$$3. \quad 5\frac{2}{5} + 2\frac{5}{18} = \frac{27}{5} + \frac{41}{18} = \frac{486}{90} + \frac{205}{90} = \frac{691}{90} = 7\frac{61}{90}$$

$$4. \quad 3\frac{1}{2} \div 5\frac{1}{2} = \frac{7}{2} \div \frac{11}{2} = \frac{7}{2} \times \frac{2}{11} = \frac{14}{22} = \frac{7}{11}$$

$$5. \quad 5\frac{4}{9} + 1\frac{9}{19} = \frac{49}{9} + \frac{28}{19} = \frac{931}{171} + \frac{252}{171} = \frac{1183}{171} = 6\frac{157}{171}$$

$$6. \quad 5\frac{5}{8} - 3\frac{8}{9} = \frac{45}{8} - \frac{35}{9} = \frac{405}{72} - \frac{280}{72} = \frac{125}{72} = 1\frac{53}{72}$$

$$7. \quad 5\frac{3}{4} \div 2\frac{3}{8} = \frac{23}{4} \div \frac{19}{8} = \frac{23}{4} \times \frac{8}{19} = \frac{184}{76} = \frac{46}{19} = 2\frac{8}{19}$$

$$8. \quad 5\frac{7}{8} - 2\frac{4}{5} = \frac{47}{8} - \frac{14}{5} = \frac{235}{40} - \frac{112}{40} = \frac{123}{40} = 3\frac{3}{40}$$

$$9. \quad 5\frac{1}{7} \div 5\frac{1}{2} = \frac{36}{7} \div \frac{11}{2} = \frac{36}{7} \times \frac{2}{11} = \frac{72}{77}$$

$$10. \quad 5\frac{2}{4} \times 1\frac{2}{4} = \frac{22}{4} \times \frac{6}{4} = \frac{132}{16} = \frac{33}{4} = 8\frac{1}{4}$$