

Opérations avec deux fractions mixtes (F)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

3. $5\frac{4}{5} \div 4\frac{3}{17} =$

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

5. $5\frac{1}{3} \times 1\frac{2}{11} =$

6. $5\frac{2}{3} - 4\frac{1}{3} =$

7. $5\frac{3}{7} \div 3\frac{5}{6} =$

8. $5\frac{2}{3} + 3\frac{2}{9} =$

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

10. $5\frac{3}{4} \div 2\frac{8}{15} =$

Opérations avec deux fractions mixtes (F) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{5}{7} - 2\frac{4}{7} = \frac{40}{7} - \frac{18}{7} = \frac{22}{7} = 3\frac{1}{7}$$

$$2. \quad 5\frac{3}{5} - 5\frac{2}{5} = \frac{28}{5} - \frac{27}{5} = \frac{1}{5}$$

$$3. \quad 5\frac{4}{5} \div 4\frac{3}{17} = \frac{29}{5} \div \frac{71}{17} = \frac{29}{5} \times \frac{17}{71} = \frac{493}{355} = 1\frac{138}{355}$$

$$4. \quad 5\frac{2}{5} \times 1\frac{1}{2} = \frac{27}{5} \times \frac{3}{2} = \frac{81}{10} = 8\frac{1}{10}$$

$$5. \quad 5\frac{1}{3} \times 1\frac{2}{11} = \frac{16}{3} \times \frac{13}{11} = \frac{208}{33} = 6\frac{10}{33}$$

$$6. \quad 5\frac{2}{3} - 4\frac{1}{3} = \frac{17}{3} - \frac{13}{3} = \frac{4}{3} = 1\frac{1}{3}$$

$$7. \quad 5\frac{3}{7} \div 3\frac{5}{6} = \frac{38}{7} \div \frac{23}{6} = \frac{38}{7} \times \frac{6}{23} = \frac{228}{161} = 1\frac{67}{161}$$

$$8. \quad 5\frac{2}{3} + 3\frac{2}{9} = \frac{17}{3} + \frac{29}{9} = \frac{80}{9} = 8\frac{8}{9}$$

$$9. \quad 5\frac{3}{7} + 2\frac{3}{7} = \frac{38}{7} + \frac{17}{7} = \frac{55}{7} = 7\frac{6}{7}$$

$$10. \quad 5\frac{3}{4} \div 2\frac{8}{15} = \frac{23}{4} \div \frac{38}{15} = \frac{23}{4} \times \frac{15}{38} = \frac{345}{152} = 2\frac{41}{152}$$