

Opérations avec deux fractions mixtes (D)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

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

3. $1\frac{1}{3} \times 5\frac{6}{9} =$

4. $5\frac{2}{7} - 2\frac{12}{17} =$

5. $5\frac{1}{2} \times 1\frac{1}{12} =$

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

7. $5\frac{1}{3} \div 4\frac{1}{10} =$

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

9. $5\frac{5}{6} \div 4\frac{1}{8} =$

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

Opérations avec deux fractions mixtes (D) Réponses

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Calculez chaque résultat.

$$1. \quad 1\frac{1}{2} \times 5\frac{3}{6} = \frac{3}{2} \times \frac{33}{6} = \frac{99}{12} = \frac{33}{4} = 8\frac{1}{4}$$

$$2. \quad 5\frac{1}{2} - 2\frac{4}{7} = \frac{11}{2} - \frac{18}{7} = \frac{77}{14} - \frac{36}{14} = \frac{41}{14} = 2\frac{13}{14}$$

$$3. \quad 1\frac{1}{3} \times 5\frac{6}{9} = \frac{4}{3} \times \frac{51}{9} = \frac{204}{27} = \frac{68}{9} = 7\frac{5}{9}$$

$$4. \quad 5\frac{2}{7} - 2\frac{12}{17} = \frac{37}{7} - \frac{46}{17} = \frac{629}{119} - \frac{322}{119} = \frac{307}{119} = 2\frac{69}{119}$$

$$5. \quad 5\frac{1}{2} \times 1\frac{1}{12} = \frac{11}{2} \times \frac{13}{12} = \frac{143}{24} = 5\frac{23}{24}$$

$$6. \quad 5\frac{1}{2} - 4\frac{6}{17} = \frac{11}{2} - \frac{74}{17} = \frac{187}{34} - \frac{148}{34} = \frac{39}{34} = 1\frac{5}{34}$$

$$7. \quad 5\frac{1}{3} \div 4\frac{1}{10} = \frac{16}{3} \div \frac{41}{10} = \frac{16}{3} \times \frac{10}{41} = \frac{160}{123} = 1\frac{37}{123}$$

$$8. \quad 5\frac{1}{8} + 3\frac{1}{3} = \frac{41}{8} + \frac{10}{3} = \frac{123}{24} + \frac{80}{24} = \frac{203}{24} = 8\frac{11}{24}$$

$$9. \quad 5\frac{5}{6} \div 4\frac{1}{8} = \frac{35}{6} \div \frac{33}{8} = \frac{35}{6} \times \frac{8}{33} = \frac{280}{198} = \frac{140}{99} = 1\frac{41}{99}$$

$$10. \quad 2\frac{3}{5} \div 5\frac{3}{8} = \frac{13}{5} \div \frac{43}{8} = \frac{13}{5} \times \frac{8}{43} = \frac{104}{215}$$