

Opérations avec deux fractions mixtes (C)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{2}{3} - 4\frac{5}{12} =$

2. $5\frac{4}{5} - 3\frac{13}{15} =$

3. $5\frac{4}{7} \div 2\frac{3}{14} =$

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

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

6. $1\frac{6}{11} \times 5\frac{7}{9} =$

7. $4\frac{8}{15} \div 5\frac{3}{4} =$

8. $1\frac{1}{6} \times 5\frac{1}{8} =$

9. $5\frac{1}{2} + 3\frac{5}{16} =$

10. $1\frac{1}{6} \times 5\frac{1}{2} =$

Opérations avec deux fractions mixtes (C) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{2}{3} - 4\frac{5}{12} = \frac{17}{3} - \frac{53}{12} = \frac{68}{12} - \frac{53}{12} = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$$

$$2. \quad 5\frac{4}{5} - 3\frac{13}{15} = \frac{29}{5} - \frac{58}{15} = \frac{87}{15} - \frac{58}{15} = \frac{29}{15} = 1\frac{14}{15}$$

$$3. \quad 5\frac{4}{7} \div 2\frac{3}{14} = \frac{39}{7} \div \frac{31}{14} = \frac{39}{7} \times \frac{14}{31} = \frac{546}{217} = \frac{78}{31} = 2\frac{16}{31}$$

$$4. \quad 5\frac{1}{2} - 1\frac{4}{5} = \frac{11}{2} - \frac{9}{5} = \frac{55}{10} - \frac{18}{10} = \frac{37}{10} = 3\frac{7}{10}$$

$$5. \quad 5\frac{5}{9} \div 1\frac{8}{9} = \frac{50}{9} \div \frac{17}{9} = \frac{50}{9} \times \frac{9}{17} = \frac{450}{153} = \frac{50}{17} = 2\frac{16}{17}$$

$$6. \quad 1\frac{6}{11} \times 5\frac{7}{9} = \frac{17}{11} \times \frac{52}{9} = \frac{884}{99} = 8\frac{92}{99}$$

$$7. \quad 4\frac{8}{15} \div 5\frac{3}{4} = \frac{68}{15} \div \frac{23}{4} = \frac{68}{15} \times \frac{4}{23} = \frac{272}{345}$$

$$8. \quad 1\frac{1}{6} \times 5\frac{1}{8} = \frac{7}{6} \times \frac{41}{8} = \frac{287}{48} = 5\frac{47}{48}$$

$$9. \quad 5\frac{1}{2} + 3\frac{5}{16} = \frac{11}{2} + \frac{53}{16} = \frac{88}{16} + \frac{53}{16} = \frac{141}{16} = 8\frac{13}{16}$$

$$10. \quad 1\frac{1}{6} \times 5\frac{1}{2} = \frac{7}{6} \times \frac{11}{2} = \frac{77}{12} = 6\frac{5}{12}$$