

Opérations avec deux fractions mixtes (D)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

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

2. $5\frac{6}{7} - 4\frac{8}{16} =$

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

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

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

6. $2\frac{13}{15} \div 5\frac{5}{6} =$

7. $5\frac{2}{3} \times 1\frac{1}{11} =$

8. $5\frac{1}{7} \times 1\frac{4}{8} =$

9. $1\frac{1}{3} \times 5\frac{4}{7} =$

10. $5\frac{2}{3} - 1\frac{2}{4} =$

Opérations avec deux fractions mixtes (D) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{2}{4} + 1\frac{3}{9} = \frac{22}{4} + \frac{12}{9} = \frac{198}{36} + \frac{48}{36} = \frac{246}{36} = \frac{41}{6} = 6\frac{5}{6}$$

$$2. \quad 5\frac{6}{7} - 4\frac{8}{16} = \frac{41}{7} - \frac{72}{16} = \frac{656}{112} - \frac{504}{112} = \frac{152}{112} = \frac{19}{14} = 1\frac{5}{14}$$

$$3. \quad 5\frac{2}{4} + 3\frac{4}{9} = \frac{22}{4} + \frac{31}{9} = \frac{198}{36} + \frac{124}{36} = \frac{322}{36} = \frac{161}{18} = 8\frac{17}{18}$$

$$4. \quad 5\frac{1}{4} - 3\frac{3}{9} = \frac{21}{4} - \frac{30}{9} = \frac{189}{36} - \frac{120}{36} = \frac{69}{36} = \frac{23}{12} = 1\frac{11}{12}$$

$$5. \quad 5\frac{3}{5} + 1\frac{2}{6} = \frac{28}{5} + \frac{8}{6} = \frac{168}{30} + \frac{40}{30} = \frac{208}{30} = \frac{104}{15} = 6\frac{14}{15}$$

$$6. \quad 2\frac{13}{15} \div 5\frac{5}{6} = \frac{43}{15} \div \frac{35}{6} = \frac{43}{15} \times \frac{6}{35} = \frac{258}{525} = \frac{86}{175}$$

$$7. \quad 5\frac{2}{3} \times 1\frac{1}{11} = \frac{17}{3} \times \frac{12}{11} = \frac{204}{33} = \frac{68}{11} = 6\frac{2}{11}$$

$$8. \quad 5\frac{1}{7} \times 1\frac{4}{8} = \frac{36}{7} \times \frac{12}{8} = \frac{432}{56} = \frac{54}{7} = 7\frac{5}{7}$$

$$9. \quad 1\frac{1}{3} \times 5\frac{4}{7} = \frac{4}{3} \times \frac{39}{7} = \frac{156}{21} = \frac{52}{7} = 7\frac{3}{7}$$

$$10. \quad 5\frac{2}{3} - 1\frac{2}{4} = \frac{17}{3} - \frac{6}{4} = \frac{68}{12} - \frac{18}{12} = \frac{50}{12} = \frac{25}{6} = 4\frac{1}{6}$$