

Opérations avec deux fractions mixtes (A)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{2}{8} - 1\frac{2}{7} =$

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

3. $5\frac{4}{8} \times 1\frac{5}{14} =$

4. $5\frac{3}{4} \div 2\frac{3}{16} =$

5. $1\frac{2}{19} \times 5\frac{2}{3} =$

6. $5\frac{1}{2} + 2\frac{6}{9} =$

7. $5\frac{2}{3} \div 1\frac{14}{20} =$

8. $1\frac{7}{12} \times 5\frac{3}{5} =$

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

10. $1\frac{13}{14} \div 5\frac{5}{6} =$

Opérations avec deux fractions mixtes (A) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{2}{8} - 1\frac{2}{7} = \frac{42}{8} - \frac{9}{7} = \frac{294}{56} - \frac{72}{56} = \frac{222}{56} = \frac{111}{28} = 3\frac{27}{28}$$

$$2. \quad 5\frac{1}{2} - 5\frac{2}{5} = \frac{11}{2} - \frac{27}{5} = \frac{55}{10} - \frac{54}{10} = \frac{1}{10}$$

$$3. \quad 5\frac{4}{8} \times 1\frac{5}{14} = \frac{44}{8} \times \frac{19}{14} = \frac{836}{112} = \frac{209}{28} = 7\frac{13}{28}$$

$$4. \quad 5\frac{3}{4} \div 2\frac{3}{16} = \frac{23}{4} \div \frac{35}{16} = \frac{23}{4} \times \frac{16}{35} = \frac{368}{140} = \frac{92}{35} = 2\frac{22}{35}$$

$$5. \quad 1\frac{2}{19} \times 5\frac{2}{3} = \frac{21}{19} \times \frac{17}{3} = \frac{357}{57} = \frac{119}{19} = 6\frac{5}{19}$$

$$6. \quad 5\frac{1}{2} + 2\frac{6}{9} = \frac{11}{2} + \frac{24}{9} = \frac{99}{18} + \frac{48}{18} = \frac{147}{18} = \frac{49}{6} = 8\frac{1}{6}$$

$$7. \quad 5\frac{2}{3} \div 1\frac{14}{20} = \frac{17}{3} \div \frac{34}{20} = \frac{17}{3} \times \frac{20}{34} = \frac{340}{102} = \frac{10}{3} = 3\frac{1}{3}$$

$$8. \quad 1\frac{7}{12} \times 5\frac{3}{5} = \frac{19}{12} \times \frac{28}{5} = \frac{532}{60} = \frac{133}{15} = 8\frac{13}{15}$$

$$9. \quad 5\frac{3}{4} - 1\frac{2}{9} = \frac{23}{4} - \frac{11}{9} = \frac{207}{36} - \frac{44}{36} = \frac{163}{36} = 4\frac{19}{36}$$

$$10. \quad 1\frac{13}{14} \div 5\frac{5}{6} = \frac{27}{14} \div \frac{35}{6} = \frac{27}{14} \times \frac{6}{35} = \frac{162}{490} = \frac{81}{245}$$