

Opérations avec deux fractions mixtes (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{8}{9} \div 5\frac{1}{2} =$

2. $5\frac{7}{8} \div 4\frac{10}{11} =$

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

4. $5\frac{5}{8} - 5\frac{1}{4} =$

5. $1\frac{2}{17} \times 5\frac{3}{4} =$

6. $1\frac{16}{19} \div 5\frac{1}{8} =$

7. $5\frac{1}{4} + 3\frac{1}{2} =$

8. $5\frac{4}{5} + 2\frac{11}{20} =$

9. $5\frac{5}{6} - 3\frac{3}{4} =$

10. $5\frac{1}{2} \times 1\frac{11}{20} =$

Opérations avec deux fractions mixtes (H) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{8}{9} \div 5\frac{1}{2} = \frac{53}{9} \div \frac{11}{2} = \frac{53}{9} \times \frac{2}{11} = \frac{106}{99} = 1\frac{7}{99}$$

$$2. \quad 5\frac{7}{8} \div 4\frac{10}{11} = \frac{47}{8} \div \frac{54}{11} = \frac{47}{8} \times \frac{11}{54} = \frac{517}{432} = 1\frac{85}{432}$$

$$3. \quad 5\frac{1}{3} - 2\frac{1}{2} = \frac{16}{3} - \frac{5}{2} = \frac{32}{6} - \frac{15}{6} = \frac{17}{6} = 2\frac{5}{6}$$

$$4. \quad 5\frac{5}{8} - 5\frac{1}{4} = \frac{45}{8} - \frac{21}{4} = \frac{45}{8} - \frac{42}{8} = \frac{3}{8}$$

$$5. \quad 1\frac{2}{17} \times 5\frac{3}{4} = \frac{19}{17} \times \frac{23}{4} = \frac{437}{68} = 6\frac{29}{68}$$

$$6. \quad 1\frac{16}{19} \div 5\frac{1}{8} = \frac{35}{19} \div \frac{41}{8} = \frac{35}{19} \times \frac{8}{41} = \frac{280}{779}$$

$$7. \quad 5\frac{1}{4} + 3\frac{1}{2} = \frac{21}{4} + \frac{7}{2} = \frac{21}{4} + \frac{14}{4} = \frac{35}{4} = 8\frac{3}{4}$$

$$8. \quad 5\frac{4}{5} + 2\frac{11}{20} = \frac{29}{5} + \frac{51}{20} = \frac{116}{20} + \frac{51}{20} = \frac{167}{20} = 8\frac{7}{20}$$

$$9. \quad 5\frac{5}{6} - 3\frac{3}{4} = \frac{35}{6} - \frac{15}{4} = \frac{70}{12} - \frac{45}{12} = \frac{25}{12} = 2\frac{1}{12}$$

$$10. \quad 5\frac{1}{2} \times 1\frac{11}{20} = \frac{11}{2} \times \frac{31}{20} = \frac{341}{40} = 8\frac{21}{40}$$