

Opérations avec deux fractions mixtes (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{1}{4} - 2\frac{3}{20} =$

2. $5\frac{2}{3} + 1\frac{11}{15} =$

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

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

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

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

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

8. $5\frac{5}{6} \div 3\frac{14}{15} =$

9. $1\frac{2}{5} \times 5\frac{5}{9} =$

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

Opérations avec deux fractions mixtes (H) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{1}{4} - 2\frac{3}{20} = \frac{21}{4} - \frac{43}{20} = \frac{105}{20} - \frac{43}{20} = \frac{62}{20} = \frac{31}{10} = 3\frac{1}{10}$$

$$2. \quad 5\frac{2}{3} + 1\frac{11}{15} = \frac{17}{3} + \frac{26}{15} = \frac{85}{15} + \frac{26}{15} = \frac{111}{15} = \frac{37}{5} = 7\frac{2}{5}$$

$$3. \quad 5\frac{1}{3} - 1\frac{1}{3} = \frac{16}{3} - \frac{4}{3} = \frac{16}{3} - \frac{4}{3} = \frac{12}{3} = \frac{4}{1} = 4$$

$$4. \quad 5\frac{3}{4} - 1\frac{1}{4} = \frac{23}{4} - \frac{5}{4} = \frac{23}{4} - \frac{5}{4} = \frac{18}{4} = \frac{9}{2} = 4\frac{1}{2}$$

$$5. \quad 5\frac{1}{4} \times 1\frac{3}{5} = \frac{21}{4} \times \frac{8}{5} = \frac{168}{20} = \frac{42}{5} = 8\frac{2}{5}$$

$$6. \quad 1\frac{1}{10} \div 5\frac{1}{2} = \frac{11}{10} \div \frac{11}{2} = \frac{11}{10} \times \frac{2}{11} = \frac{22}{110} = \frac{1}{5}$$

$$7. \quad 3\frac{3}{4} \div 5\frac{1}{2} = \frac{15}{4} \div \frac{11}{2} = \frac{15}{4} \times \frac{2}{11} = \frac{30}{44} = \frac{15}{22}$$

$$8. \quad 5\frac{5}{6} \div 3\frac{14}{15} = \frac{35}{6} \div \frac{59}{15} = \frac{35}{6} \times \frac{15}{59} = \frac{525}{354} = \frac{175}{118} = 1\frac{57}{118}$$

$$9. \quad 1\frac{2}{5} \times 5\frac{5}{9} = \frac{7}{5} \times \frac{50}{9} = \frac{350}{45} = \frac{70}{9} = 7\frac{7}{9}$$

$$10. \quad 1\frac{1}{5} \times 5\frac{1}{2} = \frac{6}{5} \times \frac{11}{2} = \frac{66}{10} = \frac{33}{5} = 6\frac{3}{5}$$