

Opérations avec deux fractions mixtes (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{4}{9} - 2\frac{7}{9} =$

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

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

4. $5\frac{5}{6} - 5\frac{1}{3} =$

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

6. $5\frac{1}{2} \div 3\frac{3}{10} =$

7. $5\frac{2}{3} \times 1\frac{5}{16} =$

8. $1\frac{9}{16} \times 5\frac{1}{3} =$

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

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

Opérations avec deux fractions mixtes (H) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{4}{9} - 2\frac{7}{9} = \frac{49}{9} - \frac{25}{9} = \frac{24}{9} = \frac{8}{3} = 2\frac{2}{3}$$

$$2. \quad 5\frac{1}{2} + 1\frac{1}{2} = \frac{11}{2} + \frac{3}{2} = \frac{14}{2} = \frac{7}{1} = 7$$

$$3. \quad 1\frac{2}{5} \times 5\frac{2}{7} = \frac{7}{5} \times \frac{37}{7} = \frac{259}{35} = \frac{37}{5} = 7\frac{2}{5}$$

$$4. \quad 5\frac{5}{6} - 5\frac{1}{3} = \frac{35}{6} - \frac{16}{3} = \frac{3}{6} = \frac{1}{2}$$

$$5. \quad 5\frac{3}{8} \div 3\frac{3}{4} = \frac{43}{8} \div \frac{15}{4} = \frac{43}{8} \times \frac{4}{15} = \frac{172}{120} = \frac{43}{30} = 1\frac{13}{30}$$

$$6. \quad 5\frac{1}{2} \div 3\frac{3}{10} = \frac{11}{2} \div \frac{33}{10} = \frac{11}{2} \times \frac{10}{33} = \frac{110}{66} = \frac{5}{3} = 1\frac{2}{3}$$

$$7. \quad 5\frac{2}{3} \times 1\frac{5}{16} = \frac{17}{3} \times \frac{21}{16} = \frac{357}{48} = \frac{119}{16} = 7\frac{7}{16}$$

$$8. \quad 1\frac{9}{16} \times 5\frac{1}{3} = \frac{25}{16} \times \frac{16}{3} = \frac{400}{48} = \frac{25}{3} = 8\frac{1}{3}$$

$$9. \quad 3\frac{1}{2} \div 5\frac{1}{2} = \frac{7}{2} \div \frac{11}{2} = \frac{7}{2} \times \frac{2}{11} = \frac{14}{22} = \frac{7}{11}$$

$$10. \quad 5\frac{1}{2} + 2\frac{1}{2} = \frac{11}{2} + \frac{5}{2} = \frac{16}{2} = \frac{8}{1} = 8$$