

Opérations avec deux fractions mixtes (E)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{2}{7} - 1\frac{9}{14} =$

2. $5\frac{6}{7} - 2\frac{13}{14} =$

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

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

5. $4\frac{7}{9} \div 5\frac{4}{7} =$

6. $5\frac{5}{9} - 3\frac{1}{3} =$

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

8. $5\frac{3}{8} + 1\frac{1}{2} =$

9. $1\frac{3}{8} \times 5\frac{2}{3} =$

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

Opérations avec deux fractions mixtes (E) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{2}{7} - 1\frac{9}{14} = \frac{37}{7} - \frac{23}{14} = \frac{74}{14} - \frac{23}{14} = \frac{51}{14} = 3\frac{9}{14}$$

$$2. \quad 5\frac{6}{7} - 2\frac{13}{14} = \frac{41}{7} - \frac{41}{14} = \frac{82}{14} - \frac{41}{14} = \frac{41}{14} = 2\frac{13}{14}$$

$$3. \quad 5\frac{1}{3} \div 5\frac{3}{10} = \frac{16}{3} \div \frac{53}{10} = \frac{16}{3} \times \frac{10}{53} = \frac{160}{159} = 1\frac{1}{159}$$

$$4. \quad 4\frac{1}{5} \div 5\frac{1}{3} = \frac{21}{5} \div \frac{16}{3} = \frac{21}{5} \times \frac{3}{16} = \frac{63}{80}$$

$$5. \quad 4\frac{7}{9} \div 5\frac{4}{7} = \frac{43}{9} \div \frac{39}{7} = \frac{43}{9} \times \frac{7}{39} = \frac{301}{351}$$

$$6. \quad 5\frac{5}{9} - 3\frac{1}{3} = \frac{50}{9} - \frac{10}{3} = \frac{50}{9} - \frac{30}{9} = \frac{20}{9} = 2\frac{2}{9}$$

$$7. \quad 5\frac{1}{2} \times 1\frac{1}{2} = \frac{11}{2} \times \frac{3}{2} = \frac{33}{4} = 8\frac{1}{4}$$

$$8. \quad 5\frac{3}{8} + 1\frac{1}{2} = \frac{43}{8} + \frac{3}{2} = \frac{43}{8} + \frac{12}{8} = \frac{55}{8} = 6\frac{7}{8}$$

$$9. \quad 1\frac{3}{8} \times 5\frac{2}{3} = \frac{11}{8} \times \frac{17}{3} = \frac{187}{24} = 7\frac{19}{24}$$

$$10. \quad 5\frac{2}{3} + 2\frac{1}{2} = \frac{17}{3} + \frac{5}{2} = \frac{34}{6} + \frac{15}{6} = \frac{49}{6} = 8\frac{1}{6}$$