

Opérations avec deux fractions mixtes (I)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{1}{8} - 1\frac{3}{8} =$

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

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

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

5. $5\frac{3}{8} \div 1\frac{4}{7} =$

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

7. $1\frac{4}{17} \times 5\frac{3}{4} =$

8. $5\frac{2}{3} + 2\frac{11}{15} =$

9. $5\frac{3}{7} - 4\frac{11}{14} =$

10. $5\frac{2}{3} \div 3\frac{1}{16} =$

Opérations avec deux fractions mixtes (I) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{1}{8} - 1\frac{3}{8} = \frac{41}{8} - \frac{11}{8} = \frac{41}{8} - \frac{11}{8} = \frac{30}{8} = \frac{15}{4} = 3\frac{3}{4}$$

$$2. \quad 5\frac{1}{2} + 2\frac{2}{5} = \frac{11}{2} + \frac{12}{5} = \frac{55}{10} + \frac{24}{10} = \frac{79}{10} = 7\frac{9}{10}$$

$$3. \quad 5\frac{1}{4} + 2\frac{3}{4} = \frac{21}{4} + \frac{11}{4} = \frac{21}{4} + \frac{11}{4} = \frac{32}{4} = \frac{8}{1} = 8$$

$$4. \quad 5\frac{2}{5} \div 3\frac{3}{7} = \frac{27}{5} \div \frac{24}{7} = \frac{27}{5} \times \frac{7}{24} = \frac{189}{120} = \frac{63}{40} = 1\frac{23}{40}$$

$$5. \quad 5\frac{3}{8} \div 1\frac{4}{7} = \frac{43}{8} \div \frac{11}{7} = \frac{43}{8} \times \frac{7}{11} = \frac{301}{88} = 3\frac{37}{88}$$

$$6. \quad 5\frac{4}{5} \times 1\frac{1}{3} = \frac{29}{5} \times \frac{4}{3} = \frac{116}{15} = 7\frac{11}{15}$$

$$7. \quad 1\frac{4}{17} \times 5\frac{3}{4} = \frac{21}{17} \times \frac{23}{4} = \frac{483}{68} = 7\frac{7}{68}$$

$$8. \quad 5\frac{2}{3} + 2\frac{11}{15} = \frac{17}{3} + \frac{41}{15} = \frac{85}{15} + \frac{41}{15} = \frac{126}{15} = \frac{42}{5} = 8\frac{2}{5}$$

$$9. \quad 5\frac{3}{7} - 4\frac{11}{14} = \frac{38}{7} - \frac{67}{14} = \frac{76}{14} - \frac{67}{14} = \frac{9}{14}$$

$$10. \quad 5\frac{2}{3} \div 3\frac{1}{16} = \frac{17}{3} \div \frac{49}{16} = \frac{17}{3} \times \frac{16}{49} = \frac{272}{147} = 1\frac{125}{147}$$