

Opérations avec deux fractions mixtes (I)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{2}{5} + 1\frac{14}{15} =$

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

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

4. $5\frac{1}{2} + 1\frac{13}{18} =$

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

6. $5\frac{1}{2} - 4\frac{1}{2} =$

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

8. $2\frac{2}{3} \div 5\frac{2}{3} =$

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

10. $5\frac{1}{4} - 4\frac{3}{4} =$

Opérations avec deux fractions mixtes (I) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{2}{5} + 1\frac{14}{15} = \frac{27}{5} + \frac{29}{15} = \frac{81}{15} + \frac{29}{15} = \frac{110}{15} = \frac{22}{3} = 7\frac{1}{3}$$

$$2. \quad 2\frac{10}{11} \div 5\frac{5}{7} = \frac{32}{11} \div \frac{40}{7} = \frac{32}{11} \times \frac{7}{40} = \frac{224}{440} = \frac{28}{55}$$

$$3. \quad 5\frac{1}{3} \div 4\frac{5}{6} = \frac{16}{3} \div \frac{29}{6} = \frac{16}{3} \times \frac{6}{29} = \frac{96}{87} = \frac{32}{29} = 1\frac{3}{29}$$

$$4. \quad 5\frac{1}{2} + 1\frac{13}{18} = \frac{11}{2} + \frac{31}{18} = \frac{99}{18} + \frac{31}{18} = \frac{130}{18} = \frac{65}{9} = 7\frac{2}{9}$$

$$5. \quad 1\frac{1}{17} \times 5\frac{3}{4} = \frac{18}{17} \times \frac{23}{4} = \frac{414}{68} = \frac{207}{34} = 6\frac{3}{34}$$

$$6. \quad 5\frac{1}{2} - 4\frac{1}{2} = \frac{11}{2} - \frac{9}{2} = \frac{11}{2} - \frac{9}{2} = \frac{2}{2} = 1$$

$$7. \quad 5\frac{2}{3} + 2\frac{1}{3} = \frac{17}{3} + \frac{7}{3} = \frac{17}{3} + \frac{7}{3} = \frac{24}{3} = \frac{8}{1} = 8$$

$$8. \quad 2\frac{2}{3} \div 5\frac{2}{3} = \frac{8}{3} \div \frac{17}{3} = \frac{8}{3} \times \frac{3}{17} = \frac{24}{51} = \frac{8}{17}$$

$$9. \quad 1\frac{3}{5} \times 5\frac{5}{9} = \frac{8}{5} \times \frac{50}{9} = \frac{400}{45} = \frac{80}{9} = 8\frac{8}{9}$$

$$10. \quad 5\frac{1}{4} - 4\frac{3}{4} = \frac{21}{4} - \frac{19}{4} = \frac{21}{4} - \frac{19}{4} = \frac{2}{4} = \frac{1}{2}$$