

Opérations avec deux fractions mixtes (H)

Nom: _____

Date: _____

Note: _____

Calculez chaque résultat.

1. $5\frac{4}{5} + 3\frac{2}{18} =$

2. $5\frac{2}{8} \div 5\frac{1}{6} =$

3. $5\frac{2}{6} - 4\frac{7}{19} =$

4. $1\frac{8}{18} \times 5\frac{1}{5} =$

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

6. $5\frac{4}{7} + 1\frac{3}{15} =$

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

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

9. $1\frac{6}{16} \times 5\frac{1}{3} =$

10. $5\frac{4}{6} - 5\frac{3}{5} =$

Opérations avec deux fractions mixtes (H) Réponses

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Calculez chaque résultat.

$$1. \quad 5\frac{4}{5} + 3\frac{2}{18} = \frac{29}{5} + \frac{56}{18} = \frac{522}{90} + \frac{280}{90} = \frac{802}{90} = \frac{401}{45} = 8\frac{41}{45}$$

$$2. \quad 5\frac{2}{8} \div 5\frac{1}{6} = \frac{42}{8} \div \frac{31}{6} = \frac{42}{8} \times \frac{6}{31} = \frac{252}{248} = \frac{63}{62} = 1\frac{1}{62}$$

$$3. \quad 5\frac{2}{6} - 4\frac{7}{19} = \frac{32}{6} - \frac{83}{19} = \frac{608}{114} - \frac{498}{114} = \frac{110}{114} = \frac{55}{57}$$

$$4. \quad 1\frac{8}{18} \times 5\frac{1}{5} = \frac{26}{18} \times \frac{26}{5} = \frac{676}{90} = \frac{338}{45} = 7\frac{23}{45}$$

$$5. \quad 5\frac{1}{5} + 3\frac{6}{9} = \frac{26}{5} + \frac{33}{9} = \frac{234}{45} + \frac{165}{45} = \frac{399}{45} = \frac{133}{15} = 8\frac{13}{15}$$

$$6. \quad 5\frac{4}{7} + 1\frac{3}{15} = \frac{39}{7} + \frac{18}{15} = \frac{585}{105} + \frac{126}{105} = \frac{711}{105} = \frac{237}{35} = 6\frac{27}{35}$$

$$7. \quad 5\frac{2}{3} - 1\frac{1}{2} = \frac{17}{3} - \frac{3}{2} = \frac{34}{6} - \frac{9}{6} = \frac{25}{6} = 4\frac{1}{6}$$

$$8. \quad 5\frac{2}{3} \div 5\frac{2}{5} = \frac{17}{3} \div \frac{27}{5} = \frac{17}{3} \times \frac{5}{27} = \frac{85}{81} = 1\frac{4}{81}$$

$$9. \quad 1\frac{6}{16} \times 5\frac{1}{3} = \frac{22}{16} \times \frac{16}{3} = \frac{352}{48} = \frac{22}{3} = 7\frac{1}{3}$$

$$10. \quad 5\frac{4}{6} - 5\frac{3}{5} = \frac{34}{6} - \frac{28}{5} = \frac{170}{30} - \frac{168}{30} = \frac{2}{30} = \frac{1}{15}$$