Ajouter des fractions mixtes négatives (F)

Nom: _____ Date: _____ Note: _____

Calculez chaque somme.

1. $\left(-3\frac{5}{9}\right) + 2\frac{1}{4} =$

2. $\left(-1\frac{1}{3}\right) + \frac{1}{5} =$

3. $\left(-2\frac{5}{12}\right) + \left(-2\frac{6}{7}\right) =$

4. $\left(-3\frac{6}{11}\right) + \frac{1}{2} =$

5. $\left(-5\frac{1}{2}\right) + 5\frac{1}{9} =$

6. $\left(-4\frac{2}{3}\right) + 3\frac{5}{11} =$

7. $\left(-4\frac{1}{3}\right) + \left(-2\frac{3}{7}\right) =$

8. $\left(-5\frac{2}{5}\right) + \left(-1\frac{1}{2}\right) =$

9. $\left(-3\frac{2}{7}\right) + 5\frac{8}{11} =$

10. $\left(-3\frac{4}{11}\right) + 3\frac{11}{12} =$

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Calculez chaque somme.

1. $\left(-3\frac{5}{9}\right) + 2\frac{1}{4}$ = $\left(-\frac{32}{9}\right) + \frac{9}{4}$ = $\left(-\frac{128}{36}\right) + \frac{81}{36}$ = $\left(-\frac{47}{36}\right)$ = $\left(-1\frac{11}{36}\right)$

2. $\left(-1\frac{1}{3}\right) + \frac{1}{5}$ = $\left(-\frac{4}{3}\right) + \frac{1}{5}$ = $\left(-\frac{20}{15}\right) + \frac{3}{15}$ = $\left(-\frac{17}{15}\right)$ = $\left(-1\frac{2}{15}\right)$

3. $\left(-2\frac{5}{12}\right) + \left(-2\frac{6}{7}\right)$ = $\left(-\frac{29}{12}\right) + \left(-\frac{20}{7}\right)$ = $\left(-\frac{203}{84}\right) + \left(-\frac{240}{84}\right)$ = $\left(-\frac{443}{84}\right)$ = $\left(-5\frac{23}{84}\right)$

4. $\left(-3\frac{6}{11}\right) + \frac{1}{2}$ = $\left(-\frac{39}{11}\right) + \frac{1}{2}$ = $\left(-\frac{78}{22}\right) + \frac{11}{22}$ = $\left(-\frac{67}{22}\right)$ = $\left(-3\frac{1}{22}\right)$

5. $\left(-5\frac{1}{2}\right) + 5\frac{1}{9}$ = $\left(-\frac{11}{2}\right) + \frac{46}{9}$ = $\left(-\frac{99}{18}\right) + \frac{92}{18}$ = $\left(-\frac{7}{18}\right)$

6. $\left(-4\frac{2}{3}\right) + 3\frac{5}{11}$ = $\left(-\frac{14}{3}\right) + \frac{38}{11}$ = $\left(-\frac{154}{33}\right) + \frac{114}{33}$ = $\left(-\frac{40}{33}\right)$ = $\left(-1\frac{7}{33}\right)$

7. $\left(-4\frac{1}{3}\right) + \left(-2\frac{3}{7}\right)$ = $\left(-\frac{13}{3}\right) + \left(-\frac{17}{7}\right)$ = $\left(-\frac{91}{21}\right) + \left(-\frac{51}{21}\right)$ = $\left(-\frac{142}{21}\right)$ = $\left(-6\frac{16}{21}\right)$

8. $\left(-5\frac{2}{5}\right) + \left(-1\frac{1}{2}\right)$ = $\left(-\frac{27}{5}\right) + \left(-\frac{3}{2}\right)$ = $\left(-\frac{54}{10}\right) + \left(-\frac{15}{10}\right)$ = $\left(-\frac{69}{10}\right)$ = $\left(-6\frac{9}{10}\right)$

9. $\left(-3\frac{2}{7}\right) + 5\frac{8}{11}$ = $\left(-\frac{23}{7}\right) + \frac{63}{11}$ = $\left(-\frac{253}{77}\right) + \frac{441}{77}$ = $\frac{188}{77}$ = $2\frac{34}{77}$

10. $\left(-3\frac{4}{11}\right) + 3\frac{11}{12}$ = $\left(-\frac{37}{11}\right) + \frac{47}{12}$ = $\left(-\frac{444}{132}\right) + \frac{517}{132}$ = $\frac{73}{132}$