Ajouter des fractions mixtes négatives (C)

Nom: _____ Date: _____ Note: _____

Calculez chaque somme.

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

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

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

4. $\left(-3\frac{1}{2}\right) + 3\frac{10}{11} =$

5. $\left(-1\frac{1}{3}\right) + 4\frac{1}{10} =$

6. $\left(-4\frac{10}{11}\right) + 3\frac{2}{7} =$

7. $\left(-5\frac{4}{5}\right) + 4\frac{7}{8} =$

8. $\left(-2\frac{2}{3}\right) + 1\frac{5}{11} =$

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

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

Ajouter des fractions mixtes négatives (C) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

1. $\left(-2\frac{5}{12}\right)+\left(-3\frac{5}{7}\right) = \left(-\frac{29}{12}\right)+\left(-\frac{26}{7}\right) = \left(-\frac{203}{84}\right)+\left(-\frac{312}{84}\right) = \left(-\frac{515}{84}\right) = \left(-6\frac{11}{84}\right)$

2. $\left(-2\frac{1}{2}\right)+\left(-4\frac{1}{3}\right) = \left(-\frac{5}{2}\right)+\left(-\frac{13}{3}\right) = \left(-\frac{15}{6}\right)+\left(-\frac{26}{6}\right) = \left(-\frac{41}{6}\right) = \left(-6\frac{5}{6}\right)$

3. $\left(-2\frac{1}{3}\right)+4\frac{3}{4} = \left(-\frac{7}{3}\right)+\frac{19}{4} = \left(-\frac{28}{12}\right)+\frac{57}{12} = \frac{29}{12} = 2\frac{5}{12}$

4. $\left(-3\frac{1}{2}\right)+3\frac{10}{11} = \left(-\frac{7}{2}\right)+\frac{43}{11} = \left(-\frac{77}{22}\right)+\frac{86}{22} = \frac{9}{22}$

5. $\left(-1\frac{1}{3}\right)+4\frac{1}{10} = \left(-\frac{4}{3}\right)+\frac{41}{10} = \left(-\frac{40}{30}\right)+\frac{123}{30} = \frac{83}{30} = 2\frac{23}{30}$

6. $\left(-4\frac{10}{11}\right)+3\frac{2}{7} = \left(-\frac{54}{11}\right)+\frac{23}{7} = \left(-\frac{378}{77}\right)+\frac{253}{77} = \left(-\frac{125}{77}\right) = \left(-1\frac{48}{77}\right)$

7. $\left(-5\frac{4}{5}\right)+4\frac{7}{8} = \left(-\frac{29}{5}\right)+\frac{39}{8} = \left(-\frac{232}{40}\right)+\frac{195}{40} = \left(-\frac{37}{40}\right)$

8. $\left(-2\frac{2}{3}\right)+1\frac{5}{11} = \left(-\frac{8}{3}\right)+\frac{16}{11} = \left(-\frac{88}{33}\right)+\frac{48}{33} = \left(-\frac{40}{33}\right) = \left(-1\frac{7}{33}\right)$

9. $\left(-1\frac{1}{3}\right)+\frac{4}{5} = \left(-\frac{4}{3}\right)+\frac{4}{5} = \left(-\frac{20}{15}\right)+\frac{12}{15} = \left(-\frac{8}{15}\right)$

10. $\left(-4\frac{1}{2}\right)+1\frac{1}{7} = \left(-\frac{9}{2}\right)+\frac{8}{7} = \left(-\frac{63}{14}\right)+\frac{16}{14} = \left(-\frac{47}{14}\right) = \left(-3\frac{5}{14}\right)$