Ajouter des fractions mixtes négatives (B)

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

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

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

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

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

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

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

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

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

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

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

Nom: _____ Date: _____ Note: _____

Calculez chaque somme.

1. $\left(-4\frac{1}{4}\right)+\frac{2}{3}$ $=$ $\left(-\frac{17}{4}\right)+\frac{2}{3}$ $=$ $\left(-\frac{51}{12}\right)+\frac{8}{12}$ $=$ $\left(-\frac{43}{12}\right)$ $=$ $\left(-3\frac{7}{12}\right)$

2. $\left(-1\frac{1}{5}\right)+\frac{1}{2}$ $=$ $\left(-\frac{6}{5}\right)+\frac{1}{2}$ $=$ $\left(-\frac{12}{10}\right)+\frac{5}{10}$ $=$ $\left(-\frac{7}{10}\right)$

3. $\left(-4\frac{1}{3}\right)+\left(-3\frac{1}{2}\right)$ $=$ $\left(-\frac{13}{3}\right)+\left(-\frac{7}{2}\right)$ $=$ $\left(-\frac{26}{6}\right)+\left(-\frac{21}{6}\right)$ $=$ $\left(-\frac{47}{6}\right)$ $=$ $\left(-7\frac{5}{6}\right)$

4. $\left(-2\frac{1}{5}\right)+\frac{3}{4}$ $=$ $\left(-\frac{11}{5}\right)+\frac{3}{4}$ $=$ $\left(-\frac{44}{20}\right)+\frac{15}{20}$ $=$ $\left(-\frac{29}{20}\right)$ $=$ $\left(-1\frac{9}{20}\right)$

5. $\left(-5\frac{1}{4}\right)+\left(-3\frac{2}{3}\right)$ $=$ $\left(-\frac{21}{4}\right)+\left(-\frac{11}{3}\right)$ $=$ $\left(-\frac{63}{12}\right)+\left(-\frac{44}{12}\right)$ $=$ $\left(-\frac{107}{12}\right)$ $=$ $\left(-8\frac{11}{12}\right)$

6. $\left(-2\frac{4}{5}\right)+\left(-5\frac{2}{3}\right)$ $=$ $\left(-\frac{14}{5}\right)+\left(-\frac{17}{3}\right)$ $=$ $\left(-\frac{42}{15}\right)+\left(-\frac{85}{15}\right)$ $=$ $\left(-\frac{127}{15}\right)$ $=$ $\left(-8\frac{7}{15}\right)$

7. $\left(-3\frac{1}{2}\right)+\left(-4\frac{1}{3}\right)$ $=$ $\left(-\frac{7}{2}\right)+\left(-\frac{13}{3}\right)$ $=$ $\left(-\frac{21}{6}\right)+\left(-\frac{26}{6}\right)$ $=$ $\left(-\frac{47}{6}\right)$ $=$ $\left(-7\frac{5}{6}\right)$

8. $\left(-4\frac{2}{3}\right)+5\frac{2}{5}$ $=$ $\left(-\frac{14}{3}\right)+\frac{27}{5}$ $=$ $\left(-\frac{70}{15}\right)+\frac{81}{15}$ $=$ $\frac{11}{15}$

9. $\left(-1\frac{3}{4}\right)+3\frac{1}{5}$ $=$ $\left(-\frac{7}{4}\right)+\frac{16}{5}$ $=$ $\left(-\frac{35}{20}\right)+\frac{64}{20}$ $=$ $\frac{29}{20}$ $=$ $1\frac{9}{20}$

10. $\left(-3\frac{2}{3}\right)+4\frac{1}{4}$ $=$ $\left(-\frac{11}{3}\right)+\frac{17}{4}$ $=$ $\left(-\frac{44}{12}\right)+\frac{51}{12}$ $=$ $\frac{7}{12}$