Ajouter des fractions mixtes négatives (D)

Calculez chaque somme.

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

2. $\left(-4\frac{3}{5}\right) + \left(-1\frac{5}{6}\right)$ = —— + —— = —— + —— = —— = ——

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

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

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

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

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

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

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

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

Ajouter des fractions mixtes négatives (D) Réponses

Nom: _____

Date: _____

Note: _____

Calculez chaque somme.

1. $\left(-1\frac{1}{2}\right) + 4\frac{4}{5} = \left(-\frac{3}{2}\right) + \frac{24}{5} = \left(-\frac{15}{10}\right) + \frac{48}{10} = \frac{33}{10} = 3\frac{3}{10}$

2. $\left(-4\frac{3}{5}\right) + \left(-1\frac{5}{6}\right) = \left(-\frac{23}{5}\right) + \left(-\frac{11}{6}\right) = \left(-\frac{138}{30}\right) + \left(-\frac{55}{30}\right) = \left(-\frac{193}{30}\right) = \left(-6\frac{13}{30}\right)$

3. $\left(-1\frac{1}{2}\right) + \left(-2\frac{2}{3}\right) = \left(-\frac{3}{2}\right) + \left(-\frac{8}{3}\right) = \left(-\frac{9}{6}\right) + \left(-\frac{16}{6}\right) = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$

4. $\left(-5\frac{1}{3}\right) + 5\frac{3}{5} = \left(-\frac{16}{3}\right) + \frac{28}{5} = \left(-\frac{80}{15}\right) + \frac{84}{15} = \frac{4}{15}$

5. $\left(-1\frac{3}{4}\right) + \frac{2}{3} = \left(-\frac{7}{4}\right) + \frac{2}{3} = \left(-\frac{21}{12}\right) + \frac{8}{12} = \left(-\frac{13}{12}\right) = \left(-1\frac{1}{12}\right)$

6. $\left(-4\frac{3}{4}\right) + \frac{2}{5} = \left(-\frac{19}{4}\right) + \frac{2}{5} = \left(-\frac{95}{20}\right) + \frac{8}{20} = \left(-\frac{87}{20}\right) = \left(-4\frac{7}{20}\right)$

7. $\left(-2\frac{1}{4}\right) + \left(-1\frac{4}{5}\right) = \left(-\frac{9}{4}\right) + \left(-\frac{9}{5}\right) = \left(-\frac{45}{20}\right) + \left(-\frac{36}{20}\right) = \left(-\frac{81}{20}\right) = \left(-4\frac{1}{20}\right)$

8. $\left(-4\frac{1}{2}\right) + \frac{2}{5} = \left(-\frac{9}{2}\right) + \frac{2}{5} = \left(-\frac{45}{10}\right) + \frac{4}{10} = \left(-\frac{41}{10}\right) = \left(-4\frac{1}{10}\right)$

9. $\left(-4\frac{1}{4}\right) + 3\frac{3}{5} = \left(-\frac{17}{4}\right) + \frac{18}{5} = \left(-\frac{85}{20}\right) + \frac{72}{20} = \left(-\frac{13}{20}\right)$

10. $\left(-3\frac{1}{3}\right) + 2\frac{1}{2} = \left(-\frac{10}{3}\right) + \frac{5}{2} = \left(-\frac{20}{6}\right) + \frac{15}{6} = \left(-\frac{5}{6}\right)$