Ajouter des fractions mixtes négatives (C)

Date: _____   Note: _____

Calculez chaque somme.

1. $\left(-3\frac{1}{2}\right) + \left(-1\frac{8}{9}\right)$ = ─── + ─── = ─── + ─── = ─── = ───

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

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

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

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

6. $\left(-3\frac{1}{9}\right) + 5\frac{1}{7}$ = ─── + ─── = ─── + ─── = ─── = ───

7. $\left(-2\frac{1}{5}\right) + \frac{8}{9}$ = ─── + ─── = ─── + ─── = ─── = ───

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

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

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

Nom: _____ Date: _____ Note: _____

Calculez chaque somme.

1. $\left(-3\frac{1}{2}\right)+\left(-1\frac{8}{9}\right) = \left(-\frac{7}{2}\right)+\left(-\frac{17}{9}\right) = \left(-\frac{63}{18}\right)+\left(-\frac{34}{18}\right) = \left(-\frac{97}{18}\right) = \left(-5\frac{7}{18}\right)$

2. $\left(-1\frac{1}{3}\right)+2\frac{3}{5} = \left(-\frac{4}{3}\right)+\frac{13}{5} = \left(-\frac{20}{15}\right)+\frac{39}{15} = \frac{19}{15} = 1\frac{4}{15}$

3. $\left(-1\frac{1}{2}\right)+\left(-1\frac{1}{3}\right) = \left(-\frac{3}{2}\right)+\left(-\frac{4}{3}\right) = \left(-\frac{9}{6}\right)+\left(-\frac{8}{6}\right) = \left(-\frac{17}{6}\right) = \left(-2\frac{5}{6}\right)$

4. $\left(-2\frac{1}{2}\right)+\left(-1\frac{2}{3}\right) = \left(-\frac{5}{2}\right)+\left(-\frac{5}{3}\right) = \left(-\frac{15}{6}\right)+\left(-\frac{10}{6}\right) = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$

5. $\left(-3\frac{1}{2}\right)+3\frac{2}{5} = \left(-\frac{7}{2}\right)+\frac{17}{5} = \left(-\frac{35}{10}\right)+\frac{34}{10} = \left(-\frac{1}{10}\right)$

6. $\left(-3\frac{1}{9}\right)+5\frac{1}{7} = \left(-\frac{28}{9}\right)+\frac{36}{7} = \left(-\frac{196}{63}\right)+\frac{324}{63} = \frac{128}{63} = 2\frac{2}{63}$

7. $\left(-2\frac{1}{5}\right)+\frac{8}{9} = \left(-\frac{11}{5}\right)+\frac{8}{9} = \left(-\frac{99}{45}\right)+\frac{40}{45} = \left(-\frac{59}{45}\right) = \left(-1\frac{14}{45}\right)$

8. $\left(-3\frac{2}{9}\right)+\left(-4\frac{1}{5}\right) = \left(-\frac{29}{9}\right)+\left(-\frac{21}{5}\right) = \left(-\frac{145}{45}\right)+\left(-\frac{189}{45}\right) = \left(-\frac{334}{45}\right) = \left(-7\frac{19}{45}\right)$

9. $\left(-3\frac{1}{2}\right)+\frac{4}{9} = \left(-\frac{7}{2}\right)+\frac{4}{9} = \left(-\frac{63}{18}\right)+\frac{8}{18} = \left(-\frac{55}{18}\right) = \left(-3\frac{1}{18}\right)$

10. $\left(-5\frac{3}{8}\right)+1\frac{1}{5} = \left(-\frac{43}{8}\right)+\frac{6}{5} = \left(-\frac{215}{40}\right)+\frac{48}{40} = \left(-\frac{167}{40}\right) = \left(-4\frac{7}{40}\right)$