Ajouter des fractions mixtes négatives (I)

Nom: _____ Date: _____ Note: _____

Calculez chaque somme.

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

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

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

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

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

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

7. $\left(-5\frac{5}{7}\right) + 3\frac{1}{11} =$

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

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

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

Ajouter des fractions mixtes négatives (I) Réponses

Nom: _____ Date: _____ Note: _____

Calculez chaque somme.

1. $\left(-2\frac{5}{8}\right)+5\frac{1}{5} = \left(-\frac{21}{8}\right)+\frac{26}{5} = \left(-\frac{105}{40}\right)+\frac{208}{40} = \frac{103}{40} = 2\frac{23}{40}$

2. $\left(-4\frac{2}{7}\right)+\frac{1}{2} = \left(-\frac{30}{7}\right)+\frac{1}{2} = \left(-\frac{60}{14}\right)+\frac{7}{14} = \left(-\frac{53}{14}\right) = \left(-3\frac{11}{14}\right)$

3. $\left(-5\frac{3}{5}\right)+\frac{7}{11} = \left(-\frac{28}{5}\right)+\frac{7}{11} = \left(-\frac{308}{55}\right)+\frac{35}{55} = \left(-\frac{273}{55}\right) = \left(-4\frac{53}{55}\right)$

4. $\left(-1\frac{1}{8}\right)+2\frac{2}{9} = \left(-\frac{9}{8}\right)+\frac{20}{9} = \left(-\frac{81}{72}\right)+\frac{160}{72} = \frac{79}{72} = 1\frac{7}{72}$

5. $\left(-1\frac{1}{4}\right)+5\frac{3}{5} = \left(-\frac{5}{4}\right)+\frac{28}{5} = \left(-\frac{25}{20}\right)+\frac{112}{20} = \frac{87}{20} = 4\frac{7}{20}$

6. $\left(-3\frac{1}{3}\right)+\frac{3}{5} = \left(-\frac{10}{3}\right)+\frac{3}{5} = \left(-\frac{50}{15}\right)+\frac{9}{15} = \left(-\frac{41}{15}\right) = \left(-2\frac{11}{15}\right)$

7. $\left(-5\frac{5}{7}\right)+3\frac{1}{11} = \left(-\frac{40}{7}\right)+\frac{34}{11} = \left(-\frac{440}{77}\right)+\frac{238}{77} = \left(-\frac{202}{77}\right) = \left(-2\frac{48}{77}\right)$

8. $\left(-3\frac{7}{9}\right)+\left(-3\frac{9}{11}\right) = \left(-\frac{34}{9}\right)+\left(-\frac{42}{11}\right) = \left(-\frac{374}{99}\right)+\left(-\frac{378}{99}\right) = \left(-\frac{752}{99}\right) = \left(-7\frac{59}{99}\right)$

9. $\left(-4\frac{3}{4}\right)+\frac{2}{11} = \left(-\frac{19}{4}\right)+\frac{2}{11} = \left(-\frac{209}{44}\right)+\frac{8}{44} = \left(-\frac{201}{44}\right) = \left(-4\frac{25}{44}\right)$

10. $\left(-1\frac{1}{2}\right)+\left(-2\frac{3}{5}\right) = \left(-\frac{3}{2}\right)+\left(-\frac{13}{5}\right) = \left(-\frac{15}{10}\right)+\left(-\frac{26}{10}\right) = \left(-\frac{41}{10}\right) = \left(-4\frac{1}{10}\right)$