Adding Negative Mixed Fractions (A)

Name: _____ Date: _____ Score: _____

Calculate each sum.

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

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

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

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

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

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

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

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

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

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

Adding Negative Mixed Fractions (A) Answers

Name: _____ Date: _____ Score: _____

Calculate each sum.

1. $\left(-5\frac{1}{2}\right)+3\frac{2}{3} = \left(-\frac{11}{2}\right)+\frac{11}{3} = \left(-\frac{33}{6}\right)+\frac{22}{6} = \left(-\frac{11}{6}\right) = \left(-1\frac{5}{6}\right)$

2. $\left(-1\frac{1}{6}\right)+\left(-1\frac{1}{5}\right) = \left(-\frac{7}{6}\right)+\left(-\frac{6}{5}\right) = \left(-\frac{35}{30}\right)+\left(-\frac{36}{30}\right) = \left(-\frac{71}{30}\right) = \left(-2\frac{11}{30}\right)$

3. $\left(-1\frac{1}{3}\right)+\left(-4\frac{1}{2}\right) = \left(-\frac{4}{3}\right)+\left(-\frac{9}{2}\right) = \left(-\frac{8}{6}\right)+\left(-\frac{27}{6}\right) = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$

4. $\left(-2\frac{1}{3}\right)+2\frac{1}{5} = \left(-\frac{7}{3}\right)+\frac{11}{5} = \left(-\frac{35}{15}\right)+\frac{33}{15} = \left(-\frac{2}{15}\right)$

5. $\left(-1\frac{1}{2}\right)+\left(-2\frac{1}{3}\right) = \left(-\frac{3}{2}\right)+\left(-\frac{7}{3}\right) = \left(-\frac{9}{6}\right)+\left(-\frac{14}{6}\right) = \left(-\frac{23}{6}\right) = \left(-3\frac{5}{6}\right)$

6. $\left(-3\frac{1}{2}\right)+\left(-5\frac{1}{3}\right) = \left(-\frac{7}{2}\right)+\left(-\frac{16}{3}\right) = \left(-\frac{21}{6}\right)+\left(-\frac{32}{6}\right) = \left(-\frac{53}{6}\right) = \left(-8\frac{5}{6}\right)$

7. $\left(-1\frac{1}{5}\right)+\left(-3\frac{1}{2}\right) = \left(-\frac{6}{5}\right)+\left(-\frac{7}{2}\right) = \left(-\frac{12}{10}\right)+\left(-\frac{35}{10}\right) = \left(-\frac{47}{10}\right) = \left(-4\frac{7}{10}\right)$

8. $\left(-4\frac{3}{4}\right)+\frac{1}{3} = \left(-\frac{19}{4}\right)+\frac{1}{3} = \left(-\frac{57}{12}\right)+\frac{4}{12} = \left(-\frac{53}{12}\right) = \left(-4\frac{5}{12}\right)$

9. $\left(-5\frac{1}{3}\right)+3\frac{1}{2} = \left(-\frac{16}{3}\right)+\frac{7}{2} = \left(-\frac{32}{6}\right)+\frac{21}{6} = \left(-\frac{11}{6}\right) = \left(-1\frac{5}{6}\right)$

10. $\left(-4\frac{2}{3}\right)+1\frac{1}{2} = \left(-\frac{14}{3}\right)+\frac{3}{2} = \left(-\frac{28}{6}\right)+\frac{9}{6} = \left(-\frac{19}{6}\right) = \left(-3\frac{1}{6}\right)$