Adding Negative Mixed Fractions (A)

Name: _____ Date: _____ Score: _____

Calculate each sum.

1. $\left(-4\frac{4}{11}\right) + \left(-1\frac{2}{3}\right) =$

2. $\left(-1\frac{11}{12}\right) + \left(-5\frac{3}{11}\right) =$

3. $\left(-3\frac{1}{2}\right) + \left(-4\frac{3}{11}\right) =$

4. $\left(-2\frac{2}{3}\right) + \frac{6}{11} =$

5. $\left(-5\frac{5}{12}\right) + \frac{7}{11} =$

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

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

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

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

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

Adding Negative Mixed Fractions (A) Answers

Name: _____ Date: _____ Score: _____

Calculate each sum.

1. $\left(-4\frac{4}{11}\right)+\left(-1\frac{2}{3}\right) = \left(-\frac{48}{11}\right)+\left(-\frac{5}{3}\right) = \left(-\frac{144}{33}\right)+\left(-\frac{55}{33}\right) = \left(-\frac{199}{33}\right) = \left(-6\frac{1}{33}\right)$

2. $\left(-1\frac{11}{12}\right)+\left(-5\frac{3}{11}\right) = \left(-\frac{23}{12}\right)+\left(-\frac{58}{11}\right) = \left(-\frac{253}{132}\right)+\left(-\frac{696}{132}\right) = \left(-\frac{949}{132}\right) = \left(-7\frac{25}{132}\right)$

3. $\left(-3\frac{1}{2}\right)+\left(-4\frac{3}{11}\right) = \left(-\frac{7}{2}\right)+\left(-\frac{47}{11}\right) = \left(-\frac{77}{22}\right)+\left(-\frac{94}{22}\right) = \left(-\frac{171}{22}\right) = \left(-7\frac{17}{22}\right)$

4. $\left(-2\frac{2}{3}\right)+\frac{6}{11} = \left(-\frac{8}{3}\right)+\frac{6}{11} = \left(-\frac{88}{33}\right)+\frac{18}{33} = \left(-\frac{70}{33}\right) = \left(-2\frac{4}{33}\right)$

5. $\left(-5\frac{5}{12}\right)+\frac{7}{11} = \left(-\frac{65}{12}\right)+\frac{7}{11} = \left(-\frac{715}{132}\right)+\frac{84}{132} = \left(-\frac{631}{132}\right) = \left(-4\frac{103}{132}\right)$

6. $\left(-2\frac{1}{8}\right)+\left(-2\frac{3}{5}\right) = \left(-\frac{17}{8}\right)+\left(-\frac{13}{5}\right) = \left(-\frac{85}{40}\right)+\left(-\frac{104}{40}\right) = \left(-\frac{189}{40}\right) = \left(-4\frac{29}{40}\right)$

7. $\left(-4\frac{1}{2}\right)+\frac{3}{5} = \left(-\frac{9}{2}\right)+\frac{3}{5} = \left(-\frac{45}{10}\right)+\frac{6}{10} = \left(-\frac{39}{10}\right) = \left(-3\frac{9}{10}\right)$

8. $\left(-2\frac{5}{9}\right)+3\frac{3}{4} = \left(-\frac{23}{9}\right)+\frac{15}{4} = \left(-\frac{92}{36}\right)+\frac{135}{36} = \frac{43}{36} = 1\frac{7}{36}$

9. $\left(-5\frac{7}{8}\right)+2\frac{5}{9} = \left(-\frac{47}{8}\right)+\frac{23}{9} = \left(-\frac{423}{72}\right)+\frac{184}{72} = \left(-\frac{239}{72}\right) = \left(-3\frac{23}{72}\right)$

10. $\left(-2\frac{1}{2}\right)+5\frac{2}{5} = \left(-\frac{5}{2}\right)+\frac{27}{5} = \left(-\frac{25}{10}\right)+\frac{54}{10} = \frac{29}{10} = 2\frac{9}{10}$