Adding Negative Mixed Fractions (D)

Name: _____ Date: _____ Score: _____

Calculate each sum.

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

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

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

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

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

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

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

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

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

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

Adding Negative Mixed Fractions (D) Answers

Name: _____ Date: _____ Score: _____

Calculate each sum.

1. $\left(-4\frac{1}{3}\right)+\frac{1}{2} = \left(-\frac{13}{3}\right)+\frac{1}{2} = \left(-\frac{26}{6}\right)+\frac{3}{6} = \left(-\frac{23}{6}\right) = \left(-3\frac{5}{6}\right)$

2. $\left(-4\frac{1}{2}\right)+2\frac{2}{5} = \left(-\frac{9}{2}\right)+\frac{12}{5} = \left(-\frac{45}{10}\right)+\frac{24}{10} = \left(-\frac{21}{10}\right) = \left(-2\frac{1}{10}\right)$

3. $\left(-4\frac{1}{2}\right)+\frac{1}{3} = \left(-\frac{9}{2}\right)+\frac{1}{3} = \left(-\frac{27}{6}\right)+\frac{2}{6} = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$

4. $\left(-3\frac{1}{4}\right)+\left(-4\frac{2}{3}\right) = \left(-\frac{13}{4}\right)+\left(-\frac{14}{3}\right) = \left(-\frac{39}{12}\right)+\left(-\frac{56}{12}\right) = \left(-\frac{95}{12}\right) = \left(-7\frac{11}{12}\right)$

5. $\left(-2\frac{3}{4}\right)+\left(-2\frac{3}{5}\right) = \left(-\frac{11}{4}\right)+\left(-\frac{13}{5}\right) = \left(-\frac{55}{20}\right)+\left(-\frac{52}{20}\right) = \left(-\frac{107}{20}\right) = \left(-5\frac{7}{20}\right)$

6. $\left(-2\frac{5}{6}\right)+\frac{2}{5} = \left(-\frac{17}{6}\right)+\frac{2}{5} = \left(-\frac{85}{30}\right)+\frac{12}{30} = \left(-\frac{73}{30}\right) = \left(-2\frac{13}{30}\right)$

7. $\left(-1\frac{2}{3}\right)+\frac{1}{4} = \left(-\frac{5}{3}\right)+\frac{1}{4} = \left(-\frac{20}{12}\right)+\frac{3}{12} = \left(-\frac{17}{12}\right) = \left(-1\frac{5}{12}\right)$

8. $\left(-2\frac{1}{5}\right)+5\frac{1}{2} = \left(-\frac{11}{5}\right)+\frac{11}{2} = \left(-\frac{22}{10}\right)+\frac{55}{10} = \frac{33}{10} = 3\frac{3}{10}$

9. $\left(-1\frac{1}{3}\right)+5\frac{3}{5} = \left(-\frac{4}{3}\right)+\frac{28}{5} = \left(-\frac{20}{15}\right)+\frac{84}{15} = \frac{64}{15} = 4\frac{4}{15}$

10. $\left(-3\frac{1}{3}\right)+5\frac{3}{4} = \left(-\frac{10}{3}\right)+\frac{23}{4} = \left(-\frac{40}{12}\right)+\frac{69}{12} = \frac{29}{12} = 2\frac{5}{12}$