

Adding Negative Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

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

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

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

5. $\left(-4\frac{5}{8}\right) + 1\frac{8}{11} =$

6. $\left(-1\frac{4}{5}\right) + \frac{1}{11} =$

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

8. $\left(-4\frac{3}{5}\right) + \frac{4}{11} =$

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

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

Adding Negative Mixed Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each sum.

$$1. \quad \left(-4\frac{1}{2}\right) + 2\frac{3}{7} = \left(-\frac{9}{2}\right) + \frac{17}{7} = \left(-\frac{63}{14}\right) + \frac{34}{14} = \left(-\frac{29}{14}\right) = \left(-2\frac{1}{14}\right)$$

$$2. \quad \left(-2\frac{5}{12}\right) + \left(-5\frac{1}{11}\right) = \left(-\frac{29}{12}\right) + \left(-\frac{56}{11}\right) = \left(-\frac{319}{132}\right) + \left(-\frac{672}{132}\right) = \left(-\frac{991}{132}\right) = \left(-7\frac{67}{132}\right)$$

$$3. \quad \left(-5\frac{2}{3}\right) + 3\frac{1}{2} = \left(-\frac{17}{3}\right) + \frac{7}{2} = \left(-\frac{34}{6}\right) + \frac{21}{6} = \left(-\frac{13}{6}\right) = \left(-2\frac{1}{6}\right)$$

$$4. \quad \left(-3\frac{2}{3}\right) + \left(-2\frac{1}{10}\right) = \left(-\frac{11}{3}\right) + \left(-\frac{21}{10}\right) = \left(-\frac{110}{30}\right) + \left(-\frac{63}{30}\right) = \left(-\frac{173}{30}\right) = \left(-5\frac{23}{30}\right)$$

$$5. \quad \left(-4\frac{5}{8}\right) + 1\frac{8}{11} = \left(-\frac{37}{8}\right) + \frac{19}{11} = \left(-\frac{407}{88}\right) + \frac{152}{88} = \left(-\frac{255}{88}\right) = \left(-2\frac{79}{88}\right)$$

$$6. \quad \left(-1\frac{4}{5}\right) + \frac{1}{11} = \left(-\frac{9}{5}\right) + \frac{1}{11} = \left(-\frac{99}{55}\right) + \frac{5}{55} = \left(-\frac{94}{55}\right) = \left(-1\frac{39}{55}\right)$$

$$7. \quad \left(-2\frac{1}{4}\right) + \left(-3\frac{7}{11}\right) = \left(-\frac{9}{4}\right) + \left(-\frac{40}{11}\right) = \left(-\frac{99}{44}\right) + \left(-\frac{160}{44}\right) = \left(-\frac{259}{44}\right) = \left(-5\frac{39}{44}\right)$$

$$8. \quad \left(-4\frac{3}{5}\right) + \frac{4}{11} = \left(-\frac{23}{5}\right) + \frac{4}{11} = \left(-\frac{253}{55}\right) + \frac{20}{55} = \left(-\frac{233}{55}\right) = \left(-4\frac{13}{55}\right)$$

$$9. \quad \left(-3\frac{1}{4}\right) + 2\frac{4}{5} = \left(-\frac{13}{4}\right) + \frac{14}{5} = \left(-\frac{65}{20}\right) + \frac{56}{20} = \left(-\frac{9}{20}\right)$$

$$10. \quad \left(-3\frac{1}{2}\right) + \left(-2\frac{4}{5}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{14}{5}\right) = \left(-\frac{35}{10}\right) + \left(-\frac{28}{10}\right) = \left(-\frac{63}{10}\right) = \left(-6\frac{3}{10}\right)$$