

Adding Negative Mixed Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

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

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

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

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

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

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

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

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

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

Adding Negative Mixed Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each sum.

$$1. \quad \left(-4\frac{3}{4}\right) + \frac{2}{3} = \left(-\frac{19}{4}\right) + \frac{2}{3} = \left(-\frac{57}{12}\right) + \frac{8}{12} = \left(-\frac{49}{12}\right) = \left(-4\frac{1}{12}\right)$$

$$2. \quad \left(-2\frac{1}{4}\right) + \left(-2\frac{2}{5}\right) = \left(-\frac{9}{4}\right) + \left(-\frac{12}{5}\right) = \left(-\frac{45}{20}\right) + \left(-\frac{48}{20}\right) = \left(-\frac{93}{20}\right) = \left(-4\frac{13}{20}\right)$$

$$3. \quad \left(-2\frac{2}{3}\right) + \frac{1}{4} = \left(-\frac{8}{3}\right) + \frac{1}{4} = \left(-\frac{32}{12}\right) + \frac{3}{12} = \left(-\frac{29}{12}\right) = \left(-2\frac{5}{12}\right)$$

$$4. \quad \left(-2\frac{1}{2}\right) + 3\frac{2}{3} = \left(-\frac{5}{2}\right) + \frac{11}{3} = \left(-\frac{15}{6}\right) + \frac{22}{6} = \frac{7}{6} = 1\frac{1}{6}$$

$$5. \quad \left(-4\frac{1}{2}\right) + \left(-4\frac{1}{3}\right) = \left(-\frac{9}{2}\right) + \left(-\frac{13}{3}\right) = \left(-\frac{27}{6}\right) + \left(-\frac{26}{6}\right) = \left(-\frac{53}{6}\right) = \left(-8\frac{5}{6}\right)$$

$$6. \quad \left(-5\frac{1}{2}\right) + \left(-3\frac{2}{5}\right) = \left(-\frac{11}{2}\right) + \left(-\frac{17}{5}\right) = \left(-\frac{55}{10}\right) + \left(-\frac{34}{10}\right) = \left(-\frac{89}{10}\right) = \left(-8\frac{9}{10}\right)$$

$$7. \quad \left(-3\frac{1}{2}\right) + \left(-3\frac{1}{3}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{10}{3}\right) = \left(-\frac{21}{6}\right) + \left(-\frac{20}{6}\right) = \left(-\frac{41}{6}\right) = \left(-6\frac{5}{6}\right)$$

$$8. \quad \left(-3\frac{1}{2}\right) + \left(-2\frac{1}{3}\right) = \left(-\frac{7}{2}\right) + \left(-\frac{7}{3}\right) = \left(-\frac{21}{6}\right) + \left(-\frac{14}{6}\right) = \left(-\frac{35}{6}\right) = \left(-5\frac{5}{6}\right)$$

$$9. \quad \left(-5\frac{1}{2}\right) + \frac{2}{3} = \left(-\frac{11}{2}\right) + \frac{2}{3} = \left(-\frac{33}{6}\right) + \frac{4}{6} = \left(-\frac{29}{6}\right) = \left(-4\frac{5}{6}\right)$$

$$10. \quad \left(-3\frac{2}{5}\right) + \left(-2\frac{1}{6}\right) = \left(-\frac{17}{5}\right) + \left(-\frac{13}{6}\right) = \left(-\frac{102}{30}\right) + \left(-\frac{65}{30}\right) = \left(-\frac{167}{30}\right) = \left(-5\frac{17}{30}\right)$$