

Adding Negative Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

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

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

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

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

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

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

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

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

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

Adding Negative Mixed Fractions (E) Answers

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Calculate each sum.

$$1. \left(-4\frac{2}{3}\right) + \left(-1\frac{3}{4}\right) = \left(-\frac{14}{3}\right) + \left(-\frac{7}{4}\right) = \left(-\frac{56}{12}\right) + \left(-\frac{21}{12}\right) = \left(-\frac{77}{12}\right) = \left(-6\frac{5}{12}\right)$$

$$2. \left(-4\frac{1}{6}\right) + \left(-1\frac{3}{5}\right) = \left(-\frac{25}{6}\right) + \left(-\frac{8}{5}\right) = \left(-\frac{125}{30}\right) + \left(-\frac{48}{30}\right) = \left(-\frac{173}{30}\right) = \left(-5\frac{23}{30}\right)$$

$$3. \left(-5\frac{3}{5}\right) + 2\frac{1}{2} = \left(-\frac{28}{5}\right) + \frac{5}{2} = \left(-\frac{56}{10}\right) + \frac{25}{10} = \left(-\frac{31}{10}\right) = \left(-3\frac{1}{10}\right)$$

$$4. \left(-5\frac{1}{3}\right) + 5\frac{4}{5} = \left(-\frac{16}{3}\right) + \frac{29}{5} = \left(-\frac{80}{15}\right) + \frac{87}{15} = \frac{7}{15}$$

$$5. \left(-3\frac{1}{4}\right) + 5\frac{1}{5} = \left(-\frac{13}{4}\right) + \frac{26}{5} = \left(-\frac{65}{20}\right) + \frac{104}{20} = \frac{39}{20} = 1\frac{19}{20}$$

$$6. \left(-1\frac{1}{2}\right) + 1\frac{2}{5} = \left(-\frac{3}{2}\right) + \frac{7}{5} = \left(-\frac{15}{10}\right) + \frac{14}{10} = \left(-\frac{1}{10}\right)$$

$$7. \left(-4\frac{2}{3}\right) + \frac{1}{2} = \left(-\frac{14}{3}\right) + \frac{1}{2} = \left(-\frac{28}{6}\right) + \frac{3}{6} = \left(-\frac{25}{6}\right) = \left(-4\frac{1}{6}\right)$$

$$8. \left(-1\frac{1}{2}\right) + \left(-4\frac{2}{3}\right) = \left(-\frac{3}{2}\right) + \left(-\frac{14}{3}\right) = \left(-\frac{9}{6}\right) + \left(-\frac{28}{6}\right) = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$$

$$9. \left(-1\frac{1}{6}\right) + 2\frac{4}{5} = \left(-\frac{7}{6}\right) + \frac{14}{5} = \left(-\frac{35}{30}\right) + \frac{84}{30} = \frac{49}{30} = 1\frac{19}{30}$$

$$10. \left(-1\frac{4}{5}\right) + \left(-3\frac{1}{3}\right) = \left(-\frac{9}{5}\right) + \left(-\frac{10}{3}\right) = \left(-\frac{27}{15}\right) + \left(-\frac{50}{15}\right) = \left(-\frac{77}{15}\right) = \left(-5\frac{2}{15}\right)$$