

Adding Negative Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

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

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

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

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

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

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

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

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

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

Adding Negative Mixed Fractions (J) Answers

Name: _____

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Calculate each sum.

$$1. \quad \left(-4\frac{5}{6}\right) + 3\frac{2}{5} = \left(-\frac{29}{6}\right) + \frac{17}{5} = \left(-\frac{145}{30}\right) + \frac{102}{30} = \left(-\frac{43}{30}\right) = \left(-1\frac{13}{30}\right)$$

$$2. \quad \left(-3\frac{1}{4}\right) + \left(-5\frac{1}{3}\right) = \left(-\frac{13}{4}\right) + \left(-\frac{16}{3}\right) = \left(-\frac{39}{12}\right) + \left(-\frac{64}{12}\right) = \left(-\frac{103}{12}\right) = \left(-8\frac{7}{12}\right)$$

$$3. \quad \left(-2\frac{4}{5}\right) + 1\frac{2}{3} = \left(-\frac{14}{5}\right) + \frac{5}{3} = \left(-\frac{42}{15}\right) + \frac{25}{15} = \left(-\frac{17}{15}\right) = \left(-1\frac{2}{15}\right)$$

$$4. \quad \left(-4\frac{1}{2}\right) + \frac{4}{5} = \left(-\frac{9}{2}\right) + \frac{4}{5} = \left(-\frac{45}{10}\right) + \frac{8}{10} = \left(-\frac{37}{10}\right) = \left(-3\frac{7}{10}\right)$$

$$5. \quad \left(-2\frac{1}{3}\right) + \left(-1\frac{3}{4}\right) = \left(-\frac{7}{3}\right) + \left(-\frac{7}{4}\right) = \left(-\frac{28}{12}\right) + \left(-\frac{21}{12}\right) = \left(-\frac{49}{12}\right) = \left(-4\frac{1}{12}\right)$$

$$6. \quad \left(-3\frac{1}{3}\right) + 3\frac{3}{4} = \left(-\frac{10}{3}\right) + \frac{15}{4} = \left(-\frac{40}{12}\right) + \frac{45}{12} = \frac{5}{12}$$

$$7. \quad \left(-2\frac{1}{6}\right) + 1\frac{4}{5} = \left(-\frac{13}{6}\right) + \frac{9}{5} = \left(-\frac{65}{30}\right) + \frac{54}{30} = \left(-\frac{11}{30}\right)$$

$$8. \quad \left(-1\frac{3}{4}\right) + 1\frac{2}{3} = \left(-\frac{7}{4}\right) + \frac{5}{3} = \left(-\frac{21}{12}\right) + \frac{20}{12} = \left(-\frac{1}{12}\right)$$

$$9. \quad \left(-2\frac{5}{6}\right) + 3\frac{4}{5} = \left(-\frac{17}{6}\right) + \frac{19}{5} = \left(-\frac{85}{30}\right) + \frac{114}{30} = \frac{29}{30}$$

$$10. \quad \left(-3\frac{1}{3}\right) + 5\frac{1}{2} = \left(-\frac{10}{3}\right) + \frac{11}{2} = \left(-\frac{20}{6}\right) + \frac{33}{6} = \frac{13}{6} = 2\frac{1}{6}$$