

Adding Negative Mixed Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

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

3. $\left(-3\frac{6}{7}\right) + \frac{1}{2} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

8. $\left(-3\frac{5}{9}\right) + \left(-1\frac{3}{7}\right) = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10. $\left(-2\frac{4}{5}\right) + 1\frac{1}{8} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

Adding Negative Mixed Fractions (D) Answers

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Calculate each sum.

$$1. \left(-1\frac{5}{7}\right) + \left(-1\frac{1}{2}\right) = \left(-\frac{12}{7}\right) + \left(-\frac{3}{2}\right) = \left(-\frac{24}{14}\right) + \left(-\frac{21}{14}\right) = \left(-\frac{45}{14}\right) = \left(-3\frac{3}{14}\right)$$

$$2. \left(-1\frac{5}{12}\right) + 1\frac{2}{5} = \left(-\frac{17}{12}\right) + \frac{7}{5} = \left(-\frac{85}{60}\right) + \frac{84}{60} = \left(-\frac{1}{60}\right)$$

$$3. \left(-3\frac{6}{7}\right) + \frac{1}{2} = \left(-\frac{27}{7}\right) + \frac{1}{2} = \left(-\frac{54}{14}\right) + \frac{7}{14} = \left(-\frac{47}{14}\right) = \left(-3\frac{5}{14}\right)$$

$$4. \left(-4\frac{1}{4}\right) + \frac{4}{5} = \left(-\frac{17}{4}\right) + \frac{4}{5} = \left(-\frac{85}{20}\right) + \frac{16}{20} = \left(-\frac{69}{20}\right) = \left(-3\frac{9}{20}\right)$$

$$5. \left(-3\frac{3}{4}\right) + \left(-2\frac{4}{5}\right) = \left(-\frac{15}{4}\right) + \left(-\frac{14}{5}\right) = \left(-\frac{75}{20}\right) + \left(-\frac{56}{20}\right) = \left(-\frac{131}{20}\right) = \left(-6\frac{11}{20}\right)$$

$$6. \left(-1\frac{4}{5}\right) + \left(-2\frac{2}{3}\right) = \left(-\frac{9}{5}\right) + \left(-\frac{8}{3}\right) = \left(-\frac{27}{15}\right) + \left(-\frac{40}{15}\right) = \left(-\frac{67}{15}\right) = \left(-4\frac{7}{15}\right)$$

$$7. \left(-2\frac{7}{11}\right) + 1\frac{1}{2} = \left(-\frac{29}{11}\right) + \frac{3}{2} = \left(-\frac{58}{22}\right) + \frac{33}{22} = \left(-\frac{25}{22}\right) = \left(-1\frac{3}{22}\right)$$

$$8. \left(-3\frac{5}{9}\right) + \left(-1\frac{3}{7}\right) = \left(-\frac{32}{9}\right) + \left(-\frac{10}{7}\right) = \left(-\frac{224}{63}\right) + \left(-\frac{90}{63}\right) = \left(-\frac{314}{63}\right) = \left(-4\frac{62}{63}\right)$$

$$9. \left(-3\frac{1}{9}\right) + \left(-4\frac{1}{4}\right) = \left(-\frac{28}{9}\right) + \left(-\frac{17}{4}\right) = \left(-\frac{112}{36}\right) + \left(-\frac{153}{36}\right) = \left(-\frac{265}{36}\right) = \left(-7\frac{13}{36}\right)$$

$$10. \left(-2\frac{4}{5}\right) + 1\frac{1}{8} = \left(-\frac{14}{5}\right) + \frac{9}{8} = \left(-\frac{112}{40}\right) + \frac{45}{40} = \left(-\frac{67}{40}\right) = \left(-1\frac{27}{40}\right)$$