

Adding Negative Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each sum.

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

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

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

4. $\left(-1\frac{3}{7}\right) + \left(-2\frac{3}{5}\right) =$

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

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

7. $\left(-4\frac{7}{8}\right) + 3\frac{5}{7} =$

8. $\left(-4\frac{7}{10}\right) + 5\frac{6}{7} =$

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

10. $\left(-1\frac{3}{7}\right) + \left(-4\frac{1}{8}\right) =$

Adding Negative Mixed Fractions (J) Answers

Name: _____

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Calculate each sum.

$$1. \left(-1\frac{1}{5}\right) + \left(-2\frac{3}{4}\right) = \left(-\frac{6}{5}\right) + \left(-\frac{11}{4}\right) = \left(-\frac{24}{20}\right) + \left(-\frac{55}{20}\right) = \left(-\frac{79}{20}\right) = \left(-3\frac{19}{20}\right)$$

$$2. \left(-1\frac{1}{6}\right) + \left(-3\frac{2}{5}\right) = \left(-\frac{7}{6}\right) + \left(-\frac{17}{5}\right) = \left(-\frac{35}{30}\right) + \left(-\frac{102}{30}\right) = \left(-\frac{137}{30}\right) = \left(-4\frac{17}{30}\right)$$

$$3. \left(-1\frac{1}{3}\right) + \left(-2\frac{1}{2}\right) = \left(-\frac{4}{3}\right) + \left(-\frac{5}{2}\right) = \left(-\frac{8}{6}\right) + \left(-\frac{15}{6}\right) = \left(-\frac{23}{6}\right) = \left(-3\frac{5}{6}\right)$$

$$4. \left(-1\frac{3}{7}\right) + \left(-2\frac{3}{5}\right) = \left(-\frac{10}{7}\right) + \left(-\frac{13}{5}\right) = \left(-\frac{50}{35}\right) + \left(-\frac{91}{35}\right) = \left(-\frac{141}{35}\right) = \left(-4\frac{1}{35}\right)$$

$$5. \left(-2\frac{5}{9}\right) + \frac{3}{5} = \left(-\frac{23}{9}\right) + \frac{3}{5} = \left(-\frac{115}{45}\right) + \frac{27}{45} = \left(-\frac{88}{45}\right) = \left(-1\frac{43}{45}\right)$$

$$6. \left(-2\frac{1}{2}\right) + \left(-2\frac{2}{5}\right) = \left(-\frac{5}{2}\right) + \left(-\frac{12}{5}\right) = \left(-\frac{25}{10}\right) + \left(-\frac{24}{10}\right) = \left(-\frac{49}{10}\right) = \left(-4\frac{9}{10}\right)$$

$$7. \left(-4\frac{7}{8}\right) + 3\frac{5}{7} = \left(-\frac{39}{8}\right) + \frac{26}{7} = \left(-\frac{273}{56}\right) + \frac{208}{56} = \left(-\frac{65}{56}\right) = \left(-1\frac{9}{56}\right)$$

$$8. \left(-4\frac{7}{10}\right) + 5\frac{6}{7} = \left(-\frac{47}{10}\right) + \frac{41}{7} = \left(-\frac{329}{70}\right) + \frac{410}{70} = \frac{81}{70} = 1\frac{11}{70}$$

$$9. \left(-2\frac{1}{2}\right) + \frac{1}{7} = \left(-\frac{5}{2}\right) + \frac{1}{7} = \left(-\frac{35}{14}\right) + \frac{2}{14} = \left(-\frac{33}{14}\right) = \left(-2\frac{5}{14}\right)$$

$$10. \left(-1\frac{3}{7}\right) + \left(-4\frac{1}{8}\right) = \left(-\frac{10}{7}\right) + \left(-\frac{33}{8}\right) = \left(-\frac{80}{56}\right) + \left(-\frac{231}{56}\right) = \left(-\frac{311}{56}\right) = \left(-5\frac{31}{56}\right)$$