

Adding Negative Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each sum.

1. $\left(-3\frac{5}{9}\right) + 2\frac{1}{4} =$

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

3. $\left(-2\frac{5}{12}\right) + \left(-2\frac{6}{7}\right) =$

4. $\left(-3\frac{6}{11}\right) + \frac{1}{2} =$

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

6. $\left(-4\frac{2}{3}\right) + 3\frac{5}{11} =$

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

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

9. $\left(-3\frac{2}{7}\right) + 5\frac{8}{11} =$

10. $\left(-3\frac{4}{11}\right) + 3\frac{11}{12} =$

Adding Negative Mixed Fractions (F) Answers

Name: _____

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Score: _____

Calculate each sum.

$$1. \quad \left(-3\frac{5}{9}\right) + 2\frac{1}{4} = \left(-\frac{32}{9}\right) + \frac{9}{4} = \left(-\frac{128}{36}\right) + \frac{81}{36} = \left(-\frac{47}{36}\right) = \left(-1\frac{11}{36}\right)$$

$$2. \quad \left(-1\frac{1}{3}\right) + \frac{1}{5} = \left(-\frac{4}{3}\right) + \frac{1}{5} = \left(-\frac{20}{15}\right) + \frac{3}{15} = \left(-\frac{17}{15}\right) = \left(-1\frac{2}{15}\right)$$

$$3. \quad \left(-2\frac{5}{12}\right) + \left(-2\frac{6}{7}\right) = \left(-\frac{29}{12}\right) + \left(-\frac{20}{7}\right) = \left(-\frac{203}{84}\right) + \left(-\frac{240}{84}\right) = \left(-\frac{443}{84}\right) = \left(-5\frac{23}{84}\right)$$

$$4. \quad \left(-3\frac{6}{11}\right) + \frac{1}{2} = \left(-\frac{39}{11}\right) + \frac{1}{2} = \left(-\frac{78}{22}\right) + \frac{11}{22} = \left(-\frac{67}{22}\right) = \left(-3\frac{1}{22}\right)$$

$$5. \quad \left(-5\frac{1}{2}\right) + 5\frac{1}{9} = \left(-\frac{11}{2}\right) + \frac{46}{9} = \left(-\frac{99}{18}\right) + \frac{92}{18} = \left(-\frac{7}{18}\right)$$

$$6. \quad \left(-4\frac{2}{3}\right) + 3\frac{5}{11} = \left(-\frac{14}{3}\right) + \frac{38}{11} = \left(-\frac{154}{33}\right) + \frac{114}{33} = \left(-\frac{40}{33}\right) = \left(-1\frac{7}{33}\right)$$

$$7. \quad \left(-4\frac{1}{3}\right) + \left(-2\frac{3}{7}\right) = \left(-\frac{13}{3}\right) + \left(-\frac{17}{7}\right) = \left(-\frac{91}{21}\right) + \left(-\frac{51}{21}\right) = \left(-\frac{142}{21}\right) = \left(-6\frac{16}{21}\right)$$

$$8. \quad \left(-5\frac{2}{5}\right) + \left(-1\frac{1}{2}\right) = \left(-\frac{27}{5}\right) + \left(-\frac{3}{2}\right) = \left(-\frac{54}{10}\right) + \left(-\frac{15}{10}\right) = \left(-\frac{69}{10}\right) = \left(-6\frac{9}{10}\right)$$

$$9. \quad \left(-3\frac{2}{7}\right) + 5\frac{8}{11} = \left(-\frac{23}{7}\right) + \frac{63}{11} = \left(-\frac{253}{77}\right) + \frac{441}{77} = \frac{188}{77} = 2\frac{34}{77}$$

$$10. \quad \left(-3\frac{4}{11}\right) + 3\frac{11}{12} = \left(-\frac{37}{11}\right) + \frac{47}{12} = \left(-\frac{444}{132}\right) + \frac{517}{132} = \frac{73}{132}$$