

Adding Negative Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each sum.

1. $\left(-5\frac{10}{11}\right) + \frac{1}{2} =$

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

3. $\left(-2\frac{5}{11}\right) + 1\frac{3}{7} =$

4. $\left(-4\frac{3}{10}\right) + 1\frac{6}{7} =$

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

6. $\left(-1\frac{2}{3}\right) + 3\frac{7}{11} =$

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

8. $\left(-5\frac{4}{5}\right) + 1\frac{8}{11} =$

9. $\left(-3\frac{2}{3}\right) + 4\frac{3}{10} =$

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

Adding Negative Mixed Fractions (E) Answers

Name: _____

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Calculate each sum.

$$1. \quad \left(-5\frac{10}{11}\right) + \frac{1}{2} = \left(-\frac{65}{11}\right) + \frac{1}{2} = \left(-\frac{130}{22}\right) + \frac{11}{22} = \left(-\frac{119}{22}\right) = \left(-5\frac{9}{22}\right)$$

$$2. \quad \left(-1\frac{1}{2}\right) + \left(-5\frac{4}{7}\right) = \left(-\frac{3}{2}\right) + \left(-\frac{39}{7}\right) = \left(-\frac{21}{14}\right) + \left(-\frac{78}{14}\right) = \left(-\frac{99}{14}\right) = \left(-7\frac{1}{14}\right)$$

$$3. \quad \left(-2\frac{5}{11}\right) + 1\frac{3}{7} = \left(-\frac{27}{11}\right) + \frac{10}{7} = \left(-\frac{189}{77}\right) + \frac{110}{77} = \left(-\frac{79}{77}\right) = \left(-1\frac{2}{77}\right)$$

$$4. \quad \left(-4\frac{3}{10}\right) + 1\frac{6}{7} = \left(-\frac{43}{10}\right) + \frac{13}{7} = \left(-\frac{301}{70}\right) + \frac{130}{70} = \left(-\frac{171}{70}\right) = \left(-2\frac{31}{70}\right)$$

$$5. \quad \left(-3\frac{1}{3}\right) + 4\frac{1}{2} = \left(-\frac{10}{3}\right) + \frac{9}{2} = \left(-\frac{20}{6}\right) + \frac{27}{6} = \frac{7}{6} = 1\frac{1}{6}$$

$$6. \quad \left(-1\frac{2}{3}\right) + 3\frac{7}{11} = \left(-\frac{5}{3}\right) + \frac{40}{11} = \left(-\frac{55}{33}\right) + \frac{120}{33} = \frac{65}{33} = 1\frac{32}{33}$$

$$7. \quad \left(-4\frac{1}{2}\right) + 2\frac{5}{7} = \left(-\frac{9}{2}\right) + \frac{19}{7} = \left(-\frac{63}{14}\right) + \frac{38}{14} = \left(-\frac{25}{14}\right) = \left(-1\frac{11}{14}\right)$$

$$8. \quad \left(-5\frac{4}{5}\right) + 1\frac{8}{11} = \left(-\frac{29}{5}\right) + \frac{19}{11} = \left(-\frac{319}{55}\right) + \frac{95}{55} = \left(-\frac{224}{55}\right) = \left(-4\frac{4}{55}\right)$$

$$9. \quad \left(-3\frac{2}{3}\right) + 4\frac{3}{10} = \left(-\frac{11}{3}\right) + \frac{43}{10} = \left(-\frac{110}{30}\right) + \frac{129}{30} = \frac{19}{30}$$

$$10. \quad \left(-5\frac{1}{4}\right) + 3\frac{2}{9} = \left(-\frac{21}{4}\right) + \frac{29}{9} = \left(-\frac{189}{36}\right) + \frac{116}{36} = \left(-\frac{73}{36}\right) = \left(-2\frac{1}{36}\right)$$