Subtracting Negative Mixed Fractions (E)

Name: _____   Date: _____   Score: _____

Calculate each difference.

1. $\left(-1\frac{6}{7}\right) - 1\frac{5}{8} \quad =$

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

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

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

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

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

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

8. $\left(-5\frac{5}{8}\right) - \left(-2\frac{4}{7}\right) =$

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

10. $\left(-4\frac{9}{11}\right) - \left(-4\frac{5}{9}\right) =$

Subtracting Negative Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each difference.

1. $\left(-1\frac{6}{7}\right) - 1\frac{5}{8} = \left(-\frac{13}{7}\right) - \frac{13}{8} = \left(-\frac{104}{56}\right) - \frac{91}{56} = \left(-\frac{195}{56}\right) = \left(-3\frac{27}{56}\right)$

2. $\left(-1\frac{1}{12}\right) - \left(-1\frac{2}{5}\right) = \left(-\frac{13}{12}\right) - \left(-\frac{7}{5}\right) = \left(-\frac{65}{60}\right) - \left(-\frac{84}{60}\right) = \frac{19}{60}$

3. $\left(-2\frac{1}{5}\right) - 2\frac{2}{3} = \left(-\frac{11}{5}\right) - \frac{8}{3} = \left(-\frac{33}{15}\right) - \frac{40}{15} = \left(-\frac{73}{15}\right) = \left(-4\frac{13}{15}\right)$

4. $\left(-5\frac{2}{5}\right) - \left(-2\frac{1}{6}\right) = \left(-\frac{27}{5}\right) - \left(-\frac{13}{6}\right) = \left(-\frac{162}{30}\right) - \left(-\frac{65}{30}\right) = \left(-\frac{97}{30}\right) = \left(-3\frac{7}{30}\right)$

5. $\left(-3\frac{1}{4}\right) - \left(-2\frac{2}{7}\right) = \left(-\frac{13}{4}\right) - \left(-\frac{16}{7}\right) = \left(-\frac{91}{28}\right) - \left(-\frac{64}{28}\right) = \left(-\frac{27}{28}\right)$

6. $\left(-3\frac{5}{6}\right) - 2\frac{1}{5} = \left(-\frac{23}{6}\right) - \frac{11}{5} = \left(-\frac{115}{30}\right) - \frac{66}{30} = \left(-\frac{181}{30}\right) = \left(-6\frac{1}{30}\right)$

7. $\left(-1\frac{1}{6}\right) - \left(-5\frac{1}{5}\right) = \left(-\frac{7}{6}\right) - \left(-\frac{26}{5}\right) = \left(-\frac{35}{30}\right) - \left(-\frac{156}{30}\right) = \frac{121}{30} = 4\frac{1}{30}$

8. $\left(-5\frac{5}{8}\right) - \left(-2\frac{4}{7}\right) = \left(-\frac{45}{8}\right) - \left(-\frac{18}{7}\right) = \left(-\frac{315}{56}\right) - \left(-\frac{144}{56}\right) = \left(-\frac{171}{56}\right) = \left(-3\frac{3}{56}\right)$

9. $\left(-3\frac{3}{5}\right) - \left(-2\frac{1}{6}\right) = \left(-\frac{18}{5}\right) - \left(-\frac{13}{6}\right) = \left(-\frac{108}{30}\right) - \left(-\frac{65}{30}\right) = \left(-\frac{43}{30}\right) = \left(-1\frac{13}{30}\right)$

10. $\left(-4\frac{9}{11}\right) - \left(-4\frac{5}{9}\right) = \left(-\frac{53}{11}\right) - \left(-\frac{41}{9}\right) = \left(-\frac{477}{99}\right) - \left(-\frac{451}{99}\right) = \left(-\frac{26}{99}\right)$

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