Subtracting Negative Mixed Fractions (J)

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{7}{9}\right) - 1\frac{3}{7} =$

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

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

4. $\left(-2\frac{2}{3}\right) - 1\frac{7}{8} =$

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

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

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

8. $\left(-5\frac{1}{2}\right) - \frac{9}{11} =$

9. $\left(-1\frac{4}{9}\right) - \left(-3\frac{4}{11}\right) =$

10. $\left(-5\frac{5}{7}\right) - \left(-1\frac{10}{11}\right) =$

Subtracting Negative Mixed Fractions (J) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-2\frac{7}{9}\right) - 1\frac{3}{7} = \left(-\frac{25}{9}\right) - \frac{10}{7} = \left(-\frac{175}{63}\right) - \frac{90}{63} = \left(-\frac{265}{63}\right) = \left(-4\frac{13}{63}\right)$

2. $\left(-3\frac{4}{5}\right) - \left(-5\frac{5}{9}\right) = \left(-\frac{19}{5}\right) - \left(-\frac{50}{9}\right) = \left(-\frac{171}{45}\right) - \left(-\frac{250}{45}\right) = \frac{79}{45} = 1\frac{34}{45}$

3. $\left(-1\frac{1}{2}\right) - 2\frac{7}{9} = \left(-\frac{3}{2}\right) - \frac{25}{9} = \left(-\frac{27}{18}\right) - \frac{50}{18} = \left(-\frac{77}{18}\right) = \left(-4\frac{5}{18}\right)$

4. $\left(-2\frac{2}{3}\right) - 1\frac{7}{8} = \left(-\frac{8}{3}\right) - \frac{15}{8} = \left(-\frac{64}{24}\right) - \frac{45}{24} = \left(-\frac{109}{24}\right) = \left(-4\frac{13}{24}\right)$

5. $\left(-3\frac{1}{2}\right) - \left(-5\frac{2}{11}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{57}{11}\right) = \left(-\frac{77}{22}\right) - \left(-\frac{114}{22}\right) = \frac{37}{22} = 1\frac{15}{22}$

6. $\left(-4\frac{3}{5}\right) - 2\frac{5}{8} = \left(-\frac{23}{5}\right) - \frac{21}{8} = \left(-\frac{184}{40}\right) - \frac{105}{40} = \left(-\frac{289}{40}\right) = \left(-7\frac{9}{40}\right)$

7. $\left(-1\frac{1}{6}\right) - 5\frac{2}{5} = \left(-\frac{7}{6}\right) - \frac{27}{5} = \left(-\frac{35}{30}\right) - \frac{162}{30} = \left(-\frac{197}{30}\right) = \left(-6\frac{17}{30}\right)$

8. $\left(-5\frac{1}{2}\right) - \frac{9}{11} = \left(-\frac{11}{2}\right) - \frac{9}{11} = \left(-\frac{121}{22}\right) - \frac{18}{22} = \left(-\frac{139}{22}\right) = \left(-6\frac{7}{22}\right)$

9. $\left(-1\frac{4}{9}\right) - \left(-3\frac{4}{11}\right) = \left(-\frac{13}{9}\right) - \left(-\frac{37}{11}\right) = \left(-\frac{143}{99}\right) - \left(-\frac{333}{99}\right) = \frac{190}{99} = 1\frac{91}{99}$

10. $\left(-5\frac{5}{7}\right) - \left(-1\frac{10}{11}\right) = \left(-\frac{40}{7}\right) - \left(-\frac{21}{11}\right) = \left(-\frac{440}{77}\right) - \left(-\frac{147}{77}\right) = \left(-\frac{293}{77}\right) = \left(-3\frac{62}{77}\right)$