Subtracting Negative Mixed Fractions (D)

Name: _____ Date: _____ Score: _____

Calculate each difference.

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

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

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

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

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

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

7. $\left(-2\frac{4}{11}\right) - \left(-2\frac{1}{2}\right)$ = ___ − ___ = ___ − ___ = ___

8. $\left(-4\frac{1}{2}\right) - \left(-5\frac{2}{9}\right)$ = ___ − ___ = ___ − ___ = ___

9. $\left(-4\frac{7}{10}\right) - 1\frac{2}{3}$ = ___ − ___ = ___ − ___ = ___ = ___

10. $\left(-3\frac{4}{5}\right) - \frac{1}{12}$ = ___ − ___ = ___ − ___ = ___ = ___

Subtracting Negative Mixed Fractions (D) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-3\frac{1}{5}\right) - 4\frac{1}{3} = \left(-\frac{16}{5}\right) - \frac{13}{3} = \left(-\frac{48}{15}\right) - \frac{65}{15} = \left(-\frac{113}{15}\right) = \left(-7\frac{8}{15}\right)$

2. $\left(-1\frac{1}{5}\right) - 2\frac{1}{4} = \left(-\frac{6}{5}\right) - \frac{9}{4} = \left(-\frac{24}{20}\right) - \frac{45}{20} = \left(-\frac{69}{20}\right) = \left(-3\frac{9}{20}\right)$

3. $\left(-5\frac{3}{5}\right) - 2\frac{1}{3} = \left(-\frac{28}{5}\right) - \frac{7}{3} = \left(-\frac{84}{15}\right) - \frac{35}{15} = \left(-\frac{119}{15}\right) = \left(-7\frac{14}{15}\right)$

4. $\left(-3\frac{1}{3}\right) - \left(-3\frac{1}{5}\right) = \left(-\frac{10}{3}\right) - \left(-\frac{16}{5}\right) = \left(-\frac{50}{15}\right) - \left(-\frac{48}{15}\right) = \left(-\frac{2}{15}\right)$

5. $\left(-2\frac{5}{6}\right) - 2\frac{3}{7} = \left(-\frac{17}{6}\right) - \frac{17}{7} = \left(-\frac{119}{42}\right) - \frac{102}{42} = \left(-\frac{221}{42}\right) = \left(-5\frac{11}{42}\right)$

6. $\left(-5\frac{2}{3}\right) - \frac{1}{2} = \left(-\frac{17}{3}\right) - \frac{1}{2} = \left(-\frac{34}{6}\right) - \frac{3}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$

7. $\left(-2\frac{4}{11}\right) - \left(-2\frac{1}{2}\right) = \left(-\frac{26}{11}\right) - \left(-\frac{5}{2}\right) = \left(-\frac{52}{22}\right) - \left(-\frac{55}{22}\right) = \frac{3}{22}$

8. $\left(-4\frac{1}{2}\right) - \left(-5\frac{2}{9}\right) = \left(-\frac{9}{2}\right) - \left(-\frac{47}{9}\right) = \left(-\frac{81}{18}\right) - \left(-\frac{94}{18}\right) = \frac{13}{18}$

9. $\left(-4\frac{7}{10}\right) - 1\frac{2}{3} = \left(-\frac{47}{10}\right) - \frac{5}{3} = \left(-\frac{141}{30}\right) - \frac{50}{30} = \left(-\frac{191}{30}\right) = \left(-6\frac{11}{30}\right)$

10. $\left(-3\frac{4}{5}\right) - \frac{1}{12} = \left(-\frac{19}{5}\right) - \frac{1}{12} = \left(-\frac{228}{60}\right) - \frac{5}{60} = \left(-\frac{233}{60}\right) = \left(-3\frac{53}{60}\right)$