Subtracting Negative Mixed Fractions (E)

Name: _____ Date: _____ Score: _____

Calculate each difference.

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

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

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (E) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-1\frac{3}{4}\right) - \left(-4\frac{2}{5}\right) = \left(-\frac{7}{4}\right) - \left(-\frac{22}{5}\right) = \left(-\frac{35}{20}\right) - \left(-\frac{88}{20}\right) = \frac{53}{20} = 2\frac{13}{20}$

2. $\left(-5\frac{1}{2}\right) - \frac{4}{5} = \left(-\frac{11}{2}\right) - \frac{4}{5} = \left(-\frac{55}{10}\right) - \frac{8}{10} = \left(-\frac{63}{10}\right) = \left(-6\frac{3}{10}\right)$

3. $\left(-3\frac{1}{4}\right) - 2\frac{2}{5} = \left(-\frac{13}{4}\right) - \frac{12}{5} = \left(-\frac{65}{20}\right) - \frac{48}{20} = \left(-\frac{113}{20}\right) = \left(-5\frac{13}{20}\right)$

4. $\left(-2\frac{1}{2}\right) - \left(-3\frac{4}{5}\right) = \left(-\frac{5}{2}\right) - \left(-\frac{19}{5}\right) = \left(-\frac{25}{10}\right) - \left(-\frac{38}{10}\right) = \frac{13}{10} = 1\frac{3}{10}$

5. $\left(-5\frac{1}{2}\right) - \left(-5\frac{2}{3}\right) = \left(-\frac{11}{2}\right) - \left(-\frac{17}{3}\right) = \left(-\frac{33}{6}\right) - \left(-\frac{34}{6}\right) = \frac{1}{6}$

6. $\left(-3\frac{3}{5}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{18}{5}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{36}{10}\right) - \left(-\frac{45}{10}\right) = \frac{9}{10}$

7. $\left(-1\frac{1}{2}\right) - 4\frac{2}{3} = \left(-\frac{3}{2}\right) - \frac{14}{3} = \left(-\frac{9}{6}\right) - \frac{28}{6} = \left(-\frac{37}{6}\right) = \left(-6\frac{1}{6}\right)$

8. $\left(-3\frac{1}{4}\right) - 2\frac{4}{5} = \left(-\frac{13}{4}\right) - \frac{14}{5} = \left(-\frac{65}{20}\right) - \frac{56}{20} = \left(-\frac{121}{20}\right) = \left(-6\frac{1}{20}\right)$

9. $\left(-1\frac{4}{5}\right) - \frac{2}{3} = \left(-\frac{9}{5}\right) - \frac{2}{3} = \left(-\frac{27}{15}\right) - \frac{10}{15} = \left(-\frac{37}{15}\right) = \left(-2\frac{7}{15}\right)$

10. $\left(-3\frac{1}{2}\right) - \left(-1\frac{2}{3}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{5}{3}\right) = \left(-\frac{21}{6}\right) - \left(-\frac{10}{6}\right) = \left(-\frac{11}{6}\right) = \left(-1\frac{5}{6}\right)$