Subtracting Negative Mixed Fractions (F)

Name: _____ Date: _____ Score: _____

Calculate each difference.

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

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

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

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

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

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

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

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

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

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

Subtracting Negative Mixed Fractions (F) Answers

Name: _____ Date: _____ Score: _____

Calculate each difference.

1. $\left(-1\frac{2}{3}\right) - 5\frac{1}{4} \quad = \quad \left(-\frac{5}{3}\right) - \frac{21}{4} \quad = \quad \left(-\frac{20}{12}\right) - \frac{63}{12} \quad = \quad \left(-\frac{83}{12}\right) \quad = \quad \left(-6\frac{11}{12}\right)$

2. $\left(-3\frac{2}{3}\right) - \left(-3\frac{1}{4}\right) = \left(-\frac{11}{3}\right) - \left(-\frac{13}{4}\right) = \left(-\frac{44}{12}\right) - \left(-\frac{39}{12}\right) = \left(-\frac{5}{12}\right)$

3. $\left(-2\frac{2}{5}\right) - \frac{1}{3} \quad = \quad \left(-\frac{12}{5}\right) - \frac{1}{3} \quad = \quad \left(-\frac{36}{15}\right) - \frac{5}{15} \quad = \quad \left(-\frac{41}{15}\right) \quad = \quad \left(-2\frac{11}{15}\right)$

4. $\left(-1\frac{2}{3}\right) - \left(-4\frac{1}{2}\right) = \left(-\frac{5}{3}\right) - \left(-\frac{9}{2}\right) = \left(-\frac{10}{6}\right) - \left(-\frac{27}{6}\right) = \quad \frac{17}{6} \quad = \quad 2\frac{5}{6}$

5. $\left(-3\frac{1}{2}\right) - \left(-1\frac{1}{5}\right) = \left(-\frac{7}{2}\right) - \left(-\frac{6}{5}\right) = \left(-\frac{35}{10}\right) - \left(-\frac{12}{10}\right) = \left(-\frac{23}{10}\right) = \left(-2\frac{3}{10}\right)$

6. $\left(-2\frac{4}{5}\right) - 1\frac{3}{4} \quad = \quad \left(-\frac{14}{5}\right) - \frac{7}{4} \quad = \quad \left(-\frac{56}{20}\right) - \frac{35}{20} \quad = \quad \left(-\frac{91}{20}\right) = \left(-4\frac{11}{20}\right)$

7. $\left(-2\frac{1}{2}\right) - 5\frac{1}{5} \quad = \quad \left(-\frac{5}{2}\right) - \frac{26}{5} \quad = \quad \left(-\frac{25}{10}\right) - \frac{52}{10} \quad = \quad \left(-\frac{77}{10}\right) = \left(-7\frac{7}{10}\right)$

8. $\left(-4\frac{1}{2}\right) - \frac{1}{3} \quad = \quad \left(-\frac{9}{2}\right) - \frac{1}{3} \quad = \quad \left(-\frac{27}{6}\right) - \frac{2}{6} \quad = \quad \left(-\frac{29}{6}\right) \quad = \quad \left(-4\frac{5}{6}\right)$

9. $\left(-3\frac{3}{4}\right) - 3\frac{3}{5} \quad = \quad \left(-\frac{15}{4}\right) - \frac{18}{5} \quad = \quad \left(-\frac{75}{20}\right) - \frac{72}{20} \quad = \quad \left(-\frac{147}{20}\right) = \left(-7\frac{7}{20}\right)$

10. $\left(-3\frac{1}{3}\right) - 2\frac{2}{5} \quad = \quad \left(-\frac{10}{3}\right) - \frac{12}{5} \quad = \quad \left(-\frac{50}{15}\right) - \frac{36}{15} \quad = \quad \left(-\frac{86}{15}\right) = \left(-5\frac{11}{15}\right)$