Subtracting Negative Mixed Fractions (H)

Name: _____ Date: _____ Score: _____

Calculate each difference.

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

2. $\left(-4\frac{6}{11}\right) - \frac{4}{7}$ = —— - —— = —— - —— = —— = ——

3. $\left(-3\frac{7}{8}\right) - 4\frac{6}{7}$ = —— - —— = —— - —— = —— = ——

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

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

6. $\left(-5\frac{11}{12}\right) - \frac{5}{11}$ = —— - —— = —— - —— = —— = ——

7. $\left(-4\frac{2}{7}\right) - \left(-2\frac{3}{11}\right)$ = —— - —— = —— - —— = —— = ——

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

9. $\left(-4\frac{3}{11}\right) - \left(-3\frac{9}{10}\right)$ = —— - —— = —— - —— = ——

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

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Subtracting Negative Mixed Fractions (H) Answers

Name: _____   Date: _____   Score: _____

Calculate each difference.

1. $\left(-2\frac{1}{2}\right) - 2\frac{7}{11} = \left(-\frac{5}{2}\right) - \frac{29}{11} = \left(-\frac{55}{22}\right) - \frac{58}{22} = \left(-\frac{113}{22}\right) = \left(-5\frac{3}{22}\right)$

2. $\left(-4\frac{6}{11}\right) - \frac{4}{7} = \left(-\frac{50}{11}\right) - \frac{4}{7} = \left(-\frac{350}{77}\right) - \frac{44}{77} = \left(-\frac{394}{77}\right) = \left(-5\frac{9}{77}\right)$

3. $\left(-3\frac{7}{8}\right) - 4\frac{6}{7} = \left(-\frac{31}{8}\right) - \frac{34}{7} = \left(-\frac{217}{56}\right) - \frac{272}{56} = \left(-\frac{489}{56}\right) = \left(-8\frac{41}{56}\right)$

4. $\left(-1\frac{3}{4}\right) - \left(-3\frac{1}{9}\right) = \left(-\frac{7}{4}\right) - \left(-\frac{28}{9}\right) = \left(-\frac{63}{36}\right) - \left(-\frac{112}{36}\right) = \frac{49}{36} = 1\frac{13}{36}$

5. $\left(-1\frac{1}{2}\right) - 1\frac{1}{7} = \left(-\frac{3}{2}\right) - \frac{8}{7} = \left(-\frac{21}{14}\right) - \frac{16}{14} = \left(-\frac{37}{14}\right) = \left(-2\frac{9}{14}\right)$

6. $\left(-5\frac{11}{12}\right) - \frac{5}{11} = \left(-\frac{71}{12}\right) - \frac{5}{11} = \left(-\frac{781}{132}\right) - \frac{60}{132} = \left(-\frac{841}{132}\right) = \left(-6\frac{49}{132}\right)$

7. $\left(-4\frac{2}{7}\right) - \left(-2\frac{3}{11}\right) = \left(-\frac{30}{7}\right) - \left(-\frac{25}{11}\right) = \left(-\frac{330}{77}\right) - \left(-\frac{175}{77}\right) = \left(-\frac{155}{77}\right) = \left(-2\frac{1}{77}\right)$

8. $\left(-1\frac{1}{8}\right) - \frac{2}{3} = \left(-\frac{9}{8}\right) - \frac{2}{3} = \left(-\frac{27}{24}\right) - \frac{16}{24} = \left(-\frac{43}{24}\right) = \left(-1\frac{19}{24}\right)$

9. $\left(-4\frac{3}{11}\right) - \left(-3\frac{9}{10}\right) = \left(-\frac{47}{11}\right) - \left(-\frac{39}{10}\right) = \left(-\frac{470}{110}\right) - \left(-\frac{429}{110}\right) = \left(-\frac{41}{110}\right)$

10. $\left(-5\frac{1}{2}\right) - \frac{2}{7} = \left(-\frac{11}{2}\right) - \frac{2}{7} = \left(-\frac{77}{14}\right) - \frac{4}{14} = \left(-\frac{81}{14}\right) = \left(-5\frac{11}{14}\right)$

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