Adding Negative Mixed Fractions (G)

Name: _____   Date: _____   Score: _____

Calculate each sum.

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

2. $\left(-3\frac{4}{11}\right) + \left(-2\frac{5}{12}\right)$ = —— + —— = —— + —— = —— = ——

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

4. $\left(-1\frac{8}{9}\right) + 1\frac{1}{2}$ = —— + —— = —— + —— = ——

5. $\left(-3\frac{5}{11}\right) + 1\frac{5}{8}$ = —— + —— = —— + —— = —— = ——

6. $\left(-4\frac{3}{5}\right) + \frac{7}{8}$ = —— + —— = —— + —— = —— = ——

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

8. $\left(-4\frac{1}{9}\right) + \left(-4\frac{5}{8}\right)$ = —— + —— = —— + —— = —— = ——

9. $\left(-1\frac{1}{5}\right) + \left(-3\frac{6}{11}\right)$ = —— + —— = —— + —— = —— = ——

10. $\left(-5\frac{7}{8}\right) + \frac{8}{9}$ = —— + —— = —— + —— = —— = ——

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Adding Negative Mixed Fractions (G) Answers

Name: _____   Date: _____   Score: _____

Calculate each sum.

1. $\left(-3\frac{1}{2}\right)+5\frac{2}{5} \quad = \quad \left(-\frac{7}{2}\right)+\frac{27}{5} \quad = \quad \left(-\frac{35}{10}\right)+\frac{54}{10} \quad = \quad \frac{19}{10} \quad = \quad 1\frac{9}{10}$

2. $\left(-3\frac{4}{11}\right)+\left(-2\frac{5}{12}\right) = \left(-\frac{37}{11}\right)+\left(-\frac{29}{12}\right) = \left(-\frac{444}{132}\right)+\left(-\frac{319}{132}\right) = \left(-\frac{763}{132}\right) = \left(-5\frac{103}{132}\right)$

3. $\left(-1\frac{2}{3}\right)+1\frac{2}{5} \quad = \quad \left(-\frac{5}{3}\right)+\frac{7}{5} \quad = \quad \left(-\frac{25}{15}\right)+\frac{21}{15} \quad = \quad \left(-\frac{4}{15}\right)$

4. $\left(-1\frac{8}{9}\right)+1\frac{1}{2} \quad = \quad \left(-\frac{17}{9}\right)+\frac{3}{2} \quad = \quad \left(-\frac{34}{18}\right)+\frac{27}{18} \quad = \quad \left(-\frac{7}{18}\right)$

5. $\left(-3\frac{5}{11}\right)+1\frac{5}{8} \quad = \quad \left(-\frac{38}{11}\right)+\frac{13}{8} \quad = \quad \left(-\frac{304}{88}\right)+\frac{143}{88} \quad = \quad \left(-\frac{161}{88}\right) = \left(-1\frac{73}{88}\right)$

6. $\left(-4\frac{3}{5}\right)+\frac{7}{8} \quad = \quad \left(-\frac{23}{5}\right)+\frac{7}{8} \quad = \quad \left(-\frac{184}{40}\right)+\frac{35}{40} \quad = \quad \left(-\frac{149}{40}\right) = \left(-3\frac{29}{40}\right)$

7. $\left(-3\frac{3}{4}\right)+\frac{4}{11} \quad = \quad \left(-\frac{15}{4}\right)+\frac{4}{11} \quad = \quad \left(-\frac{165}{44}\right)+\frac{16}{44} \quad = \quad \left(-\frac{149}{44}\right) = \left(-3\frac{17}{44}\right)$

8. $\left(-4\frac{1}{9}\right)+\left(-4\frac{5}{8}\right) = \left(-\frac{37}{9}\right)+\left(-\frac{37}{8}\right) = \left(-\frac{296}{72}\right)+\left(-\frac{333}{72}\right) = \left(-\frac{629}{72}\right) = \left(-8\frac{53}{72}\right)$

9. $\left(-1\frac{1}{5}\right)+\left(-3\frac{6}{11}\right) = \left(-\frac{6}{5}\right)+\left(-\frac{39}{11}\right) = \left(-\frac{66}{55}\right)+\left(-\frac{195}{55}\right) = \left(-\frac{261}{55}\right) = \left(-4\frac{41}{55}\right)$

10. $\left(-5\frac{7}{8}\right)+\frac{8}{9} \quad = \quad \left(-\frac{47}{8}\right)+\frac{8}{9} \quad = \quad \left(-\frac{423}{72}\right)+\frac{64}{72} \quad = \quad \left(-\frac{359}{72}\right) = \left(-4\frac{71}{72}\right)$