Algebra 1   Bellwork   Friday, November 6, 2015

Find the EXACT solution to each equation.

1. $9 - 2(3m - 7) + 10m = 1 + m - 13 + 3m$

2. $\frac{7}{15} - \frac{5}{6}C = \frac{9}{10}$

1. $9 - 2(3m - 7) + 10m = 1 + m - 13 + 3m$

$9 - 6m + 14 + 10m = 1 + m - 13 + 3m$

$4m + 23 \neq 4m - 12$

$-4m \qquad\qquad -4m$

$23 = -12$

FALSE

$\boxed{NO\ SOLUTION}$

2. $\left(\frac{7}{15} - \frac{5}{6}C = \frac{9}{10} \right) 30$

$14 - 25C = 27$

$-14 \qquad\qquad -14$

$-25C = 13$

$\overline{-25} \qquad \overline{-25}$

$\boxed{C = \frac{13}{-25}}$

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