

Find the EXACT solution to each equation.

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

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

Algebra 1 Bellwork Friday, November 6, 2015

ANSWERS

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

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

$$\begin{array}{r} 4m + 23 \\ -4m \end{array} = \begin{array}{r} 4m - 12 \\ -4m \end{array}$$

$$23 = -12$$

FALSE

NO SOLUTION

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

$$\begin{array}{r} 14 - 25C = 27 \\ -14 \end{array} \quad \begin{array}{r} -14 \end{array}$$

$$\begin{array}{r} -25C = 13 \\ -25 \end{array} \quad \begin{array}{r} -25 \end{array}$$

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