

August 24, 2015
 * M S J & Quiz #2
 Friday

Aug 24-10:00 AM

Quiz #1

$$\#2) (-3)(4t - 5) + 2t = t + 2(t-1) - 8$$

$$[-12t] + 15 + 2t = t + 2t - 2 - 8$$

$$\begin{array}{r} -10t + 15 = 3t - 10 \\ +10t + 10 \quad +10t + 10 \\ \hline 25 = 13t \\ \frac{25}{13} = \frac{13t}{13} \\ \frac{25}{13} = t \end{array}$$

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Prop. LCD: 3

$$\#2) \frac{5(y-4)}{3} = \frac{2y-2}{1}$$

$$3(y-4) = 6y - 6$$

$$3y - 12 = 6y - 6$$

$$\begin{array}{r} -3y + 6 \quad -3y + 6 \\ \hline -14 = y \end{array}$$

ch

$$\frac{5(-14-4)}{3} = \frac{2(-14) - 2}{1}$$

$$\frac{-90}{3} = -28 - 2$$

$$-30 = -30 \checkmark$$

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alt #5, 4

$$\frac{5(y-4)}{3} = 2y - 2$$

$$3 \left(\frac{5y-20}{3} \right) = 2y - 2$$

$$\frac{15y - 60}{3} = 6y - 6$$

$$\frac{15y}{3} - \frac{60}{3} = 6y - 6$$

$$5y - 20 = 6y - 6$$

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