

September 20, 2016  
 \* Quiz #5 - Tomorrow  
 . Solving Equations  
 \* Exam #1 - Next Wednesday?

Sep 20-9:51 AM

2.3 LCD: 6

$$\#3) \frac{6}{1} \left( \frac{3-y}{2} = \frac{y+5}{3} \right)$$

$$\frac{6}{1} \cdot \frac{3-y}{2} = \frac{6}{1} \cdot \frac{y+5}{3}$$

$$3(3-y) = 2(y+5)$$

$$9 - 3y = 2y + 10$$

$$\begin{array}{r} -10 + 3y \\ \hline -1 = 5y \end{array}$$

$$\frac{-1}{5} = \frac{5y}{5}$$

$$\boxed{-\frac{1}{5} = y}$$

Sep 20-10:03 AM

$$y = -\frac{1}{5} \quad \frac{3-y}{2} = \frac{y+5}{3}$$

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

$$\frac{\frac{3}{1} + \frac{1}{5}}{\frac{2}{1}} = \frac{-\frac{1}{5} + 5}{3}$$

$$\frac{\frac{15+1}{5}}{\frac{2}{1}} = \frac{-\frac{1}{5} + \frac{25}{5}}{3}$$

$$\frac{\frac{16}{5}}{\frac{2}{1}} = \frac{\frac{-1+25}{5}}{3}$$

$$\frac{16}{5} \cdot \frac{1}{2} = \frac{24}{5} \cdot \frac{1}{3}$$

$$\frac{16}{5} = \frac{24}{5}$$

Sep 20-10:08 AM