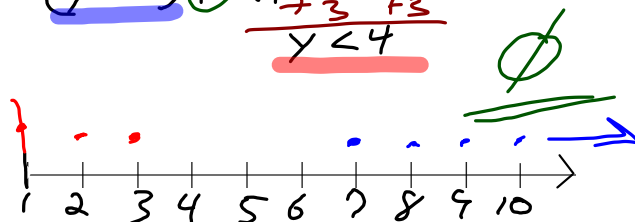


Sept. 18, 2006

Review of O.T.L.

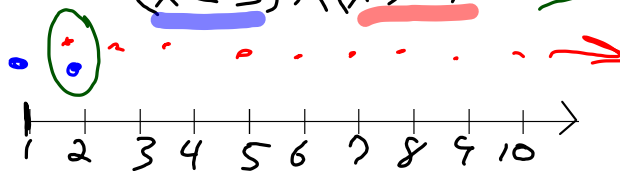
$$S \Rightarrow \mathbb{N} \quad (y > 6) \wedge (y - 3 < 1)$$

$\begin{array}{r} +3 \quad +3 \\ \hline y < 4 \end{array}$



$$T \Rightarrow \mathbb{N} \quad (x + 2 < 5) \wedge (2x > 2)$$

$\begin{array}{r} -2 \quad -2 \\ \hline x < 3 \end{array}$       $\begin{array}{r} \frac{2x}{2} > \frac{2}{2} \\ \hline x > 1 \end{array}$



$$U \Rightarrow \mathbb{N} \quad (3z < 6) \wedge (2z - 7 < 3)$$

$\begin{array}{r} -3 \quad -3 \\ \hline z < 2 \end{array}$       $\begin{array}{r} +7 \quad +7 \\ \hline 2z < 10 \\ \hline z < 5 \end{array}$



S  $\rightarrow$  F, T  $\rightarrow$  T, U  $\rightarrow$  F

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(S  $\wedge$  T)  $\wedge$  U

(F  $\wedge$  T)  $\wedge$  F

(F)  $\wedge$  F = F

# O.T.L.

① Wk. st. 1.3. Due Today

② Correct y-day's O.T.L.  
Due Tuesday: acc. Grade

**3. Ch. 1.1-1.3 Quiz Wednesday**