

BE-Alg. 1 TUESDAY 11-3-09

- ① WHAT IS THE GOLDEN RULE
OF EQUATIONS? OF INEQUALITIES.
- ② SOLVE AND GRAPH THE SOLUTION
ON A NUMBER LINE:

$$7 + 3x \leq 2(x+3) - 2(-1-x)$$

ANS) $7 + 3x \leq \underline{2x + 6} + 2 + \underline{2x}$

$$\begin{array}{r} 7 + 3x \leq 4x + 8 \\ -3x \quad -3x \end{array}$$

$$\begin{array}{r} 7 \leq x + 8 \\ -8 \quad -8 \end{array}$$

$$-1 \leq x$$

$$\therefore \boxed{x \geq -1}$$



• Homework Review: Pg 335 #4-8, 15-17 $\Rightarrow$ LAPBOARD PRACTICE