

BE-Alg. 1 TUESDAY 11-8-11

- 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)

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

↘ ↙

$$\begin{array}{rcl} 7 + 3x & \leq & 4x + 8 \\ -3x & & -3x \end{array}$$

$$\begin{array}{rcl} 7 & \leq & x + 8 \\ -8 & & -8 \end{array}$$

$$-1 \leq x$$

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



• HOMEWORK REVIEW: Pg 335 #4-8, 15-17 ⇒