



- a) Plot voltage at both ends of the line
 b) Repeat (a) for the currents

$$\Gamma_L = \frac{R_L - R_0}{R_L + R_0} = \frac{50 - 50}{50 + 50} = 0$$

$$\Gamma_g = \frac{50 - 50}{50 + 50} = 0$$

$$V_1^+ = E \frac{R_0}{R_0 + R_g} = 80 \left(\frac{50}{50 + 50} \right) = 40V \Rightarrow I_1^+ = \frac{40}{50} = 0.8$$

$$V_1^- = \Gamma_L (E V_1^+) = (0)(40) = 0V \Rightarrow I_1^- = \frac{0}{50} = 0A$$



