Homework 6 Answers

Please be sure to clearly show your work in the solutions that you submit. Your approach is much more important than obtaining the correct numerical answer.

Problem 3.58: $V_{Th} = 17.5$ V, $R_{Th} = 4.5$ Ω (be sure to show the *polarity* of the voltage source in your Thevenin equivalent circuit)

Problem 3.59: $I_N = 7.7$ A, $R_{Th} = 4.5$ Ω (be sure to show the *direction* of the current source in your Norton equivalent circuit)

Supplemental Problem: (b) $v_L = 1.55$ V