Special Problem 5.4-4

Assume Q_1 is in cutoff and Q_2 is in saturation.

1. Using these assumptions, determine the base, collector and emitter voltages for Q_1 , and determine the base, collector and emitter

currents for Q2. 10.0 V 2. Determine if each assumption was correct. **1** K Q_1 β=100 2.0 V 1 K 1 K - 13.0 V <1 K β=100 -5.7 V 1 K -10.2 V