Assignment Instructions

Textbook Problems:

Chapter 1: 2, 3, 10, 15, 16, 17
Chapter 3: 1, 2, 3, 4, 5

Supplemental problems:

S1: Draw the transistor level diagram of a 3-input AND gate. Be sure to indicate Vcc and GND with the property symbols.

S2: A) Given the Boolean expression, draw the transistor level diagram using the brute force procedure from class.

\[ Q = AB'C' + A'B'C + A'BC' + AB'C. \]