

10 Pts

CSC 110
Homework 8

Due: 2/24/21

Name: _____

1. Use Boolean Algebra to simplify $C + D(E + \overline{D}) + D\overline{E}$.
2. Use Boolean Algebra to simplify $(A + \overline{B} + A)\overline{(AB)}$.
3. Use Boolean Algebra to simplify $A(B + \overline{A})(\overline{BA} + B)(B + A)$.
4. Draw a logic gate circuit to compute $AB + \overline{C}$.
5. Draw a logic gate circuit to compute $\overline{B}(A + \overline{C})$.