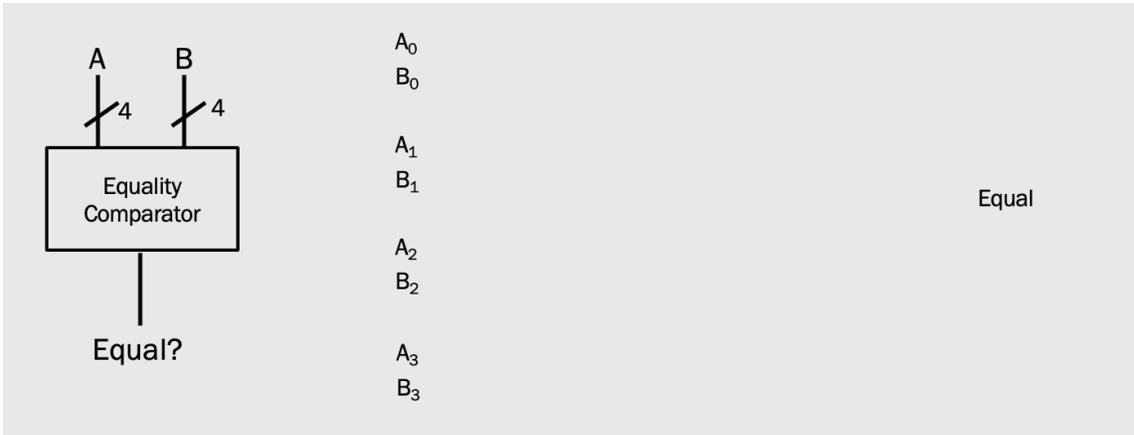


Question 1: Comparator Circuit Design a 4-bit equality comparator that will output 1 if the inputs are equal and 0 if the inputs are not equal.



Question 2: Shifter Circuit Design a circuit that can perform a variable left shift on a 4-bit number.

