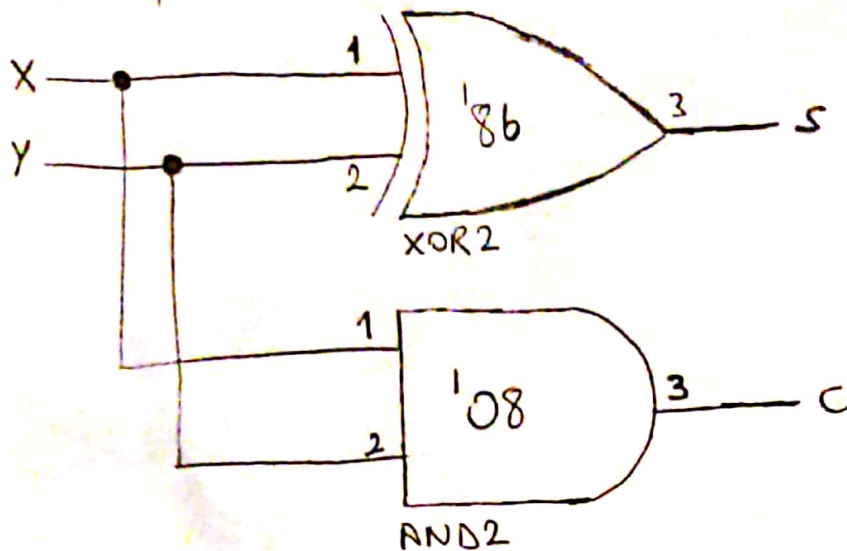


Half Adder



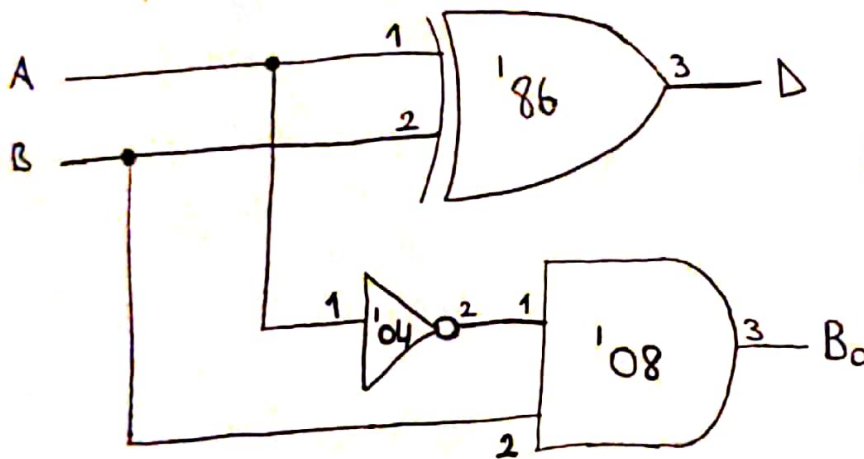
IC List

1. One 74LS86 quad 2-input XOR gate
2. One 74LS08 quad 2-input AND gate

74LS86
GND - 7
+5V - 14

74LS08
GND - 7
+5V - 14

Half Subtractor



IC List

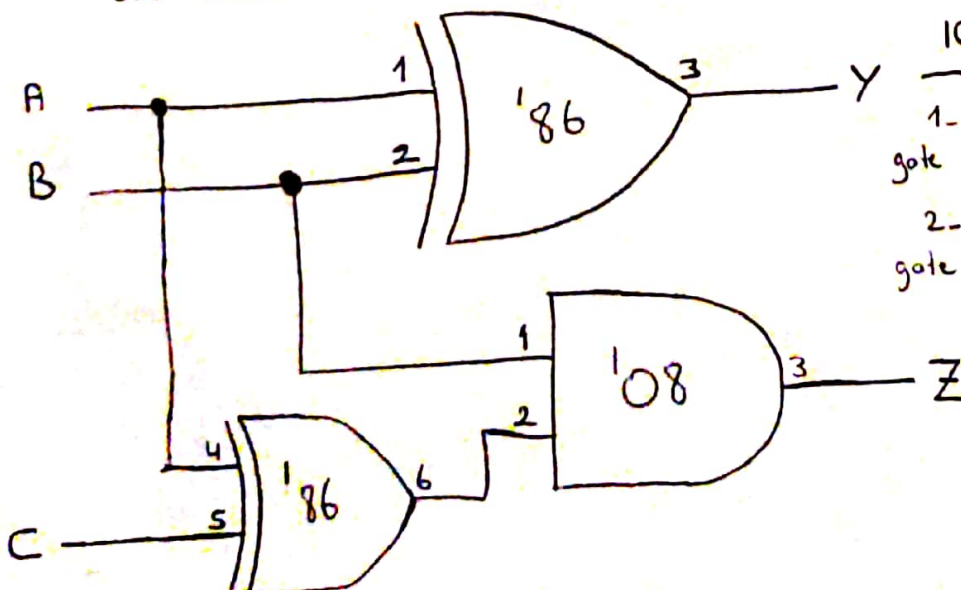
1. One 74LS86 quad 2-input XOR gate
2. One 74LS08 quad 2-input AND gate
3. One 74LS04 hex Inverter

74LS86
GND - 7
+5V - 14

74LS08
GND - 7
+5V - 14

74LS04
GND - 7
+5V - 14

Lab Calculator



IC List

1. One 74LS86 quad 2-input XOR gate
2. One 74LS08 quad 2-input AND gate

74LS86
GND - 7
+5V - 14

74LS08
GND - 7
+5V - 14