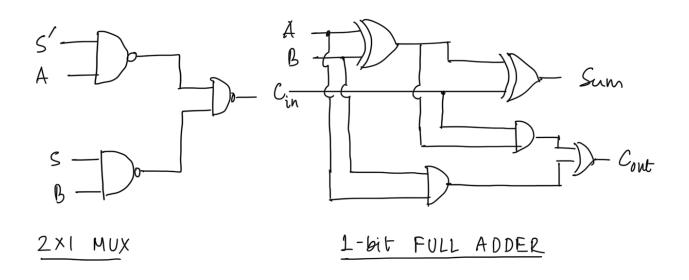
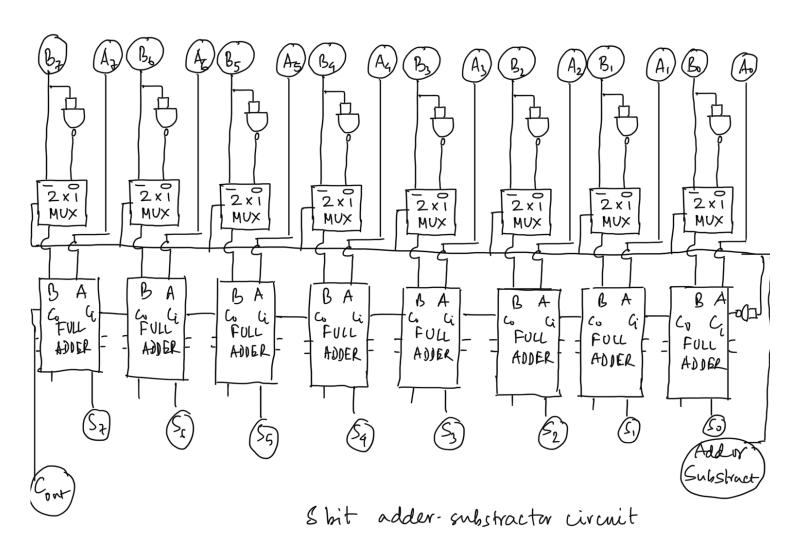
Design an adder substractor 8 bit circuit using any 2-input gates, and count the number of gates required & the delay of the circuit.

We first draw the basic circuit & then the full circuit.



No of gates in a 1-bit FULL ADDER - 5



Total m. of gates = 9+8(3)+8(5) = 73.