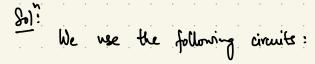
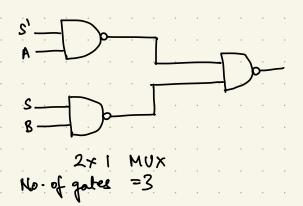
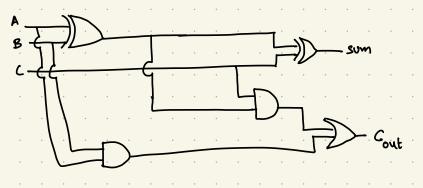
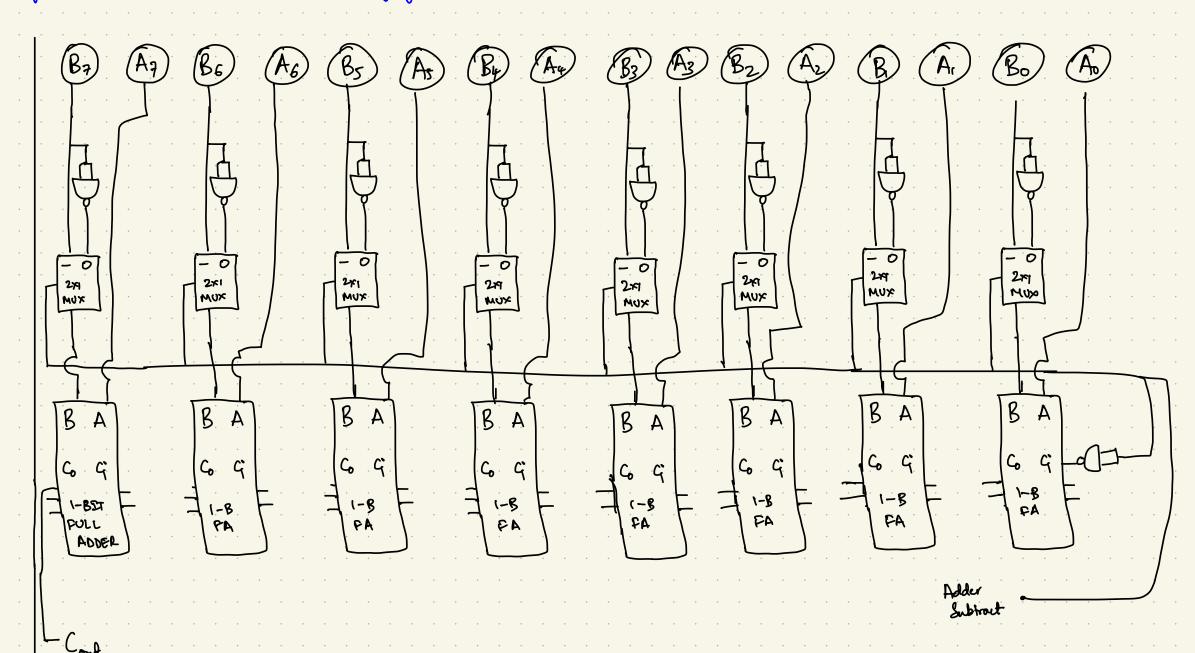
## (a) Design an adder subtractor 8-bit circuit using any 2-input gates and count the number of gates required







l bit full adder
No. of gates = 5



8-BIT ADDER-SUBTRACTION CIRCUIT