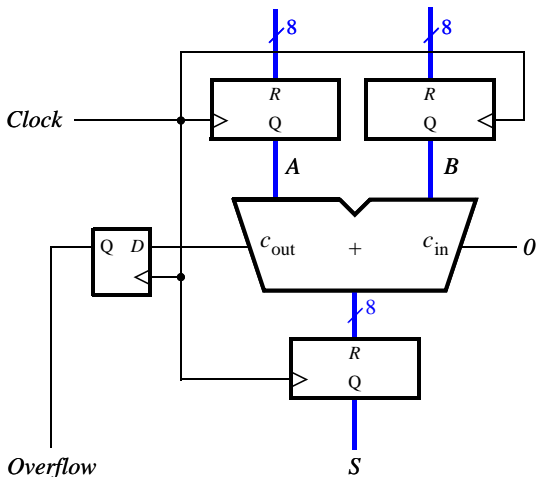


a) Four-bit ripple-carry adder circuit



b) Eight-bit registered adder circuit