

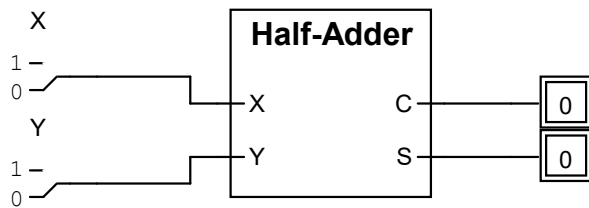
A

B

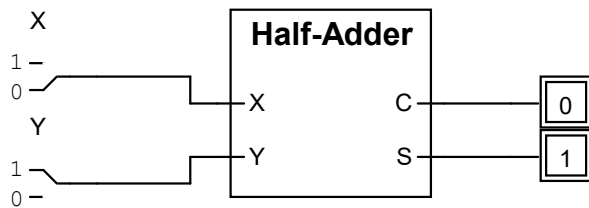
C

D

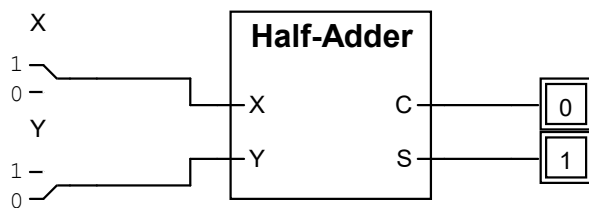
1



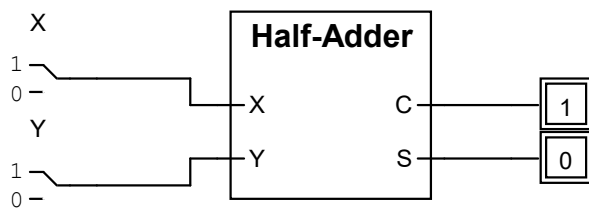
2



3



4



5

$$\text{Carry} = XY$$

$$\text{Sum} = X \text{ XOR } Y$$

Half Adder Circuit

