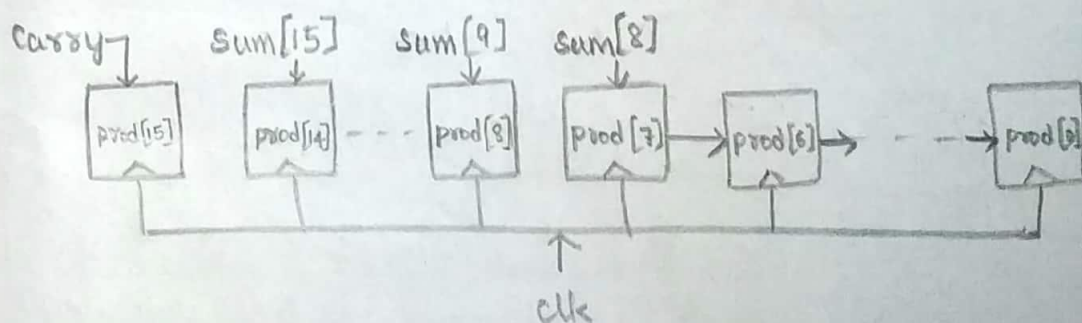


ALU SLICE

* 'test' decides whether 'out' stores the previous product value OR gets the updated product value (after addition of multiplicand.)

test : $prod[0]$
 = multiplier $[0]$
 $b1$: multiplicand
 a : previous prod
 out : updated prod



WRITE (right-shifter)