: Resultant sign bit was 1.

So Result is -72 => 101001000

Latar.

aan bit

0	Multiplicand -6					
	Multiplier -5					
	Booth's Algo. is all about 2's complement Multiplication.					
	6 7 110 5 7 101					
	i's comp. >	> 001 1's comp > 010 > 010 2's comp > 011				
	2'S comp. >	010	2'S comp > 011			
	:(-6) will be represented in 2's complement as 1010					
	(-5) will be	(5) will be represented in 2's complement as 1011				
	Multiplicand (BR) = 1010 } sequence counter Multipliete (QR) = 1011 } (Sc) = 100.					
	Mulh	pliete Car) = 1011) (sc) = 10	0.	
	BR = 1010					
	BR+1= 010	1+1 = 0110	AC QR	anti	sc.	
	an anti	operation	0000 1011		100	
		SUB BR	0110			
		10.0	0110			
		ASHR	0011 0101	1	011	
	1 1	ASHR	0001 1010	1	010	
	0 1	ADD BR	1010			
		\	1011			
		ASHR	11011101	0	001	
	1 0	SUB BR	0110			
	00011					
	discard					
		ASHR	00011110	1	000	
			*			
			Result.			
			MSB = 0 SO f		result.	
		Result	01111000 21-	7+30.		