

$$x = -0.625 = -5 \cdot 2^{-3} = 1.101 \text{ s.-m.}$$

$$y = -0.875 = -7 \cdot 2^{-3} = 1.111 \text{ s.-m.}$$

$$p = x \cdot y = 35 \cdot 2^{-6} \quad \begin{matrix} \swarrow x \\ \searrow y \end{matrix}$$

A	Q	M	COUNT	A.C.S. <sup>1</sup>
0000		1111	00	C <sub>0</sub>
S + 1111	1101			C <sub>1</sub>
0111				C <sub>2</sub>
0011 1	110		01	C <sub>3</sub>
0001 1	111		10	
+ 1111		EXOR		
1000				C <sub>2</sub>
0100 0 111			11	C <sub>3</sub>
0100 0 110				C <sub>4</sub>
0100				C <sub>5</sub>
0110				C <sub>6</sub>
				END

$$X = -6 = 1110_{SM}$$

$$Y = +7 = 0111_{SM}$$

$$P = x \cdot y = -6 \cdot (+7) = -42$$

$$= 10101010_{SM}$$

A	Q	M	COUNT
0 0 0 0	1 1 1 0	0 1 1 1	0 0
0 0 0 0	0 1 1 1		0 1
+ 1 1 1 1			
0 1 1 1			
0 0 1 1	1 0 1 1		1 0
+ 1 1 1 1			
1 0 1 0			
0 1 0 1	0 1 0 1		1 1
1 0 1 0	1 0 1 0		

