Time																			
	100 ns	200 ns	300 ns	400 ns	500 ns	600 ns	700 ns	800 ns	900 ns	1 us	1100 ns	1200 ns	1300 ns	1400 ns	1500 ns	1600 ns	1700 ns	1800 ns	1900 ns
a																			
b																			
carryin																			
AandB																			
xAorB																			
xAorBandCin																			
sum																			
carryout																			