Time													
clk													
x_dec[31:0]	XXX	6	7	1	3	2	15	4	6	4			
a[3:0]	XXX	6	7	1	3	2	15	4	6	4			
w_dec[31:0]	XXX	1	-7	7	-4	-3	-2	-4	6	-6	4		
b[3:0]	XXX	1	-7	7	-4	-3	-2	-4	6	-6	4		
c[15:0]	XXX	0	6	-43	-36	-48	-54	-58	-118	-98	-134		
out[15:0]	XXX	6	-43	-36	-48	-54	-58	-118	-98	-134	-118		
expected_out[15:0]	0	6	-43	-36	-48	-54	-58	-118	-98	-134	-118		
i[31:0]	XXX	0	1	2	3	4	5	6	7	8	9	10	
w_file[31:0]	-2147483645												
w_scan_file[31:0]	XXX	1											
x_file[31:0]	-2147483644												
x_scan_file[31:0]	XXX	1											