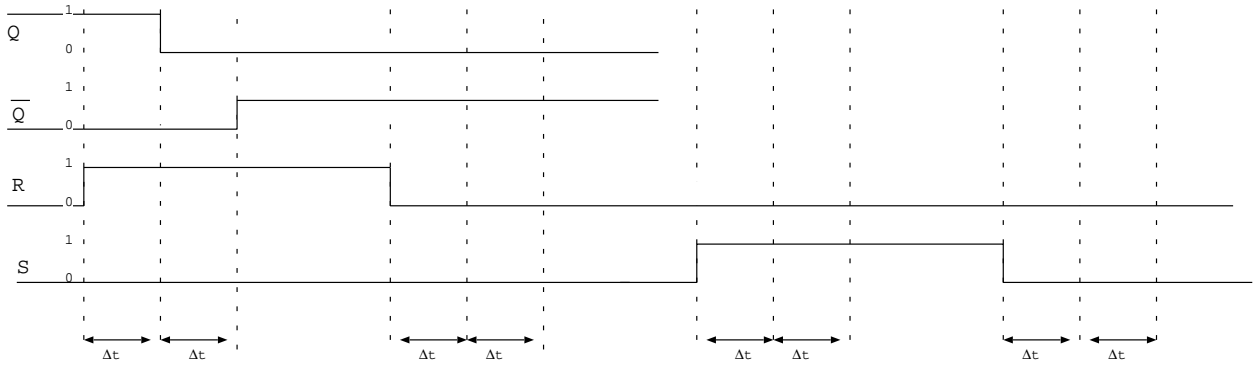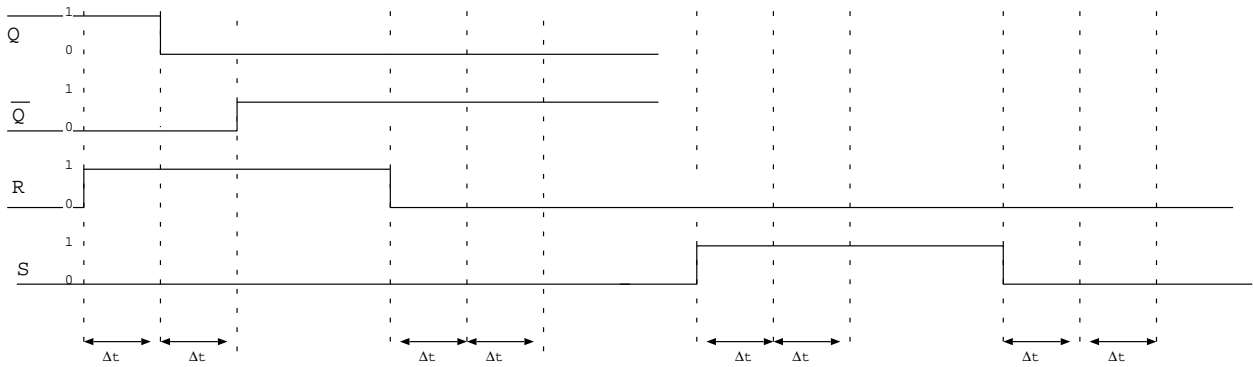Name: _____

SR Latch

1. Complete the timing diagram below to show the operation of the SR latch:

(Here is an extra diagram in case you mess up the first one.)

2. Complete the characteristic table for the SR latch

R	S	Q_n	Q_{n+1}	$\bar{Q}_{n+1}$
0	0	0		
0	0	1		
0	1	0		
0	1	1		
1	0	0		
1	0	1		
1	1	0		
1	1	1		

NOR Latch