



- 2. (3 points) Given the following information, fill in the table
 - Row buffer hit: only need to move data from row buffer to pins (~20 ns access time)
 - Empty row buffer access: must first read read the row, the move data from row buffer to pins (~40 ns access time)
 - Row buffer conflict: must first precharge the bitlines, then read the other row, the move data from row buffer to pins (~60 ns access time)

		Time of Service	
Requested	Time of Arrival	Open	Closed
X	0		
Y	10		
X + 1	100		
X + 2	200		
Y+1	250		
X+3	300		