Problem 5. (10 points):

Assume a System that has

1. A two way set associative TLB

2. A TLB with 8 total entries

3. 2^8 byte page size

4. 2^{16} bytes of virtual memory

5. one (or more) boats

TLB			
Index	Tag	Frame Number	Valid
0	0x13	0x30	1
	0x34	0x58	0
1	0x1F	0x80	0
	0x2A	0x72	1
2	0x1F	0x95	1
	0x20	0xAA	0
3	0x3F	0x20	1
	0x3E	0xFF	0

A. Use the TLB to fill in the table. Strike out anything that you don't have enough information to fill in.

Virtual Address	Physical Address
0x7E85	
0xD301	
	0x3020
0xD040	
	0x5830