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# CS 447 - Computer Organization

Letter A:

$B_3 B_2$ \ $B_1 B_0$	00	01	11	10
00	0	0	1	1
01	1	1	0	1
11	1	1	1	1
10	1	1	1	1

$$= B_2 B_1' + B_3 + B_1 B_0' + B_2' B_1$$

Letter B:

$B_3 B_2$ \ $B_1 B_0$	00	01	11	10
00	1	0	0	0
01	1	1	0	1
11	1	1	1	1
10	1	1	1	1

$$= B_1' B_0' + B_1' B_2 + B_3 + B_2 B_0'$$