c) $b_1 b_0$

	00	01	11	10
b_3 b_2 00	1	1	1	0
01	1	1	1	1
11	x	x	x	x
10	1	1	x	x

$$b_2 + \overline{b_1} + b_0$$

d)

1	0	1	1
0	1	0	1
x	x	x	x
1	0	x	x
1	0	x	x

$$\overline{b_2}\,\overline{b_1}\,\overline{b_0} + b_2\,\overline{b_1}\,b_0 + \overline{b_2}\,b_1 + b_1\,\overline{b_0}$$

e)

1	0	0	1
0	0	0	1
x	x	x	x
1	0	x	x

$$\overline{b_2}\,\overline{b_0} + b_1\,\overline{b_0}$$

f)

1	0	0	0
1	1	0	1
x	x	x	x
1	1	x	x

$$\overline{b_1}\,\overline{b_0} + b_3\,\overline{b_2} + b_2\,\overline{b_1} + b_2\,\overline{b_0}$$

$$\left(\overline{b_1} + \overline{b_0}\right)\left(b_3 + b_2 + \overline{b_1}\right)\left(b_3 + b_2 + \overline{b_0}\right)$$

g)

0	0	1	1
1	1	0	1
x	x	x	x
1	1	x	x

$$b_3 + \left(b_2\,\overline{b_1}\right) + \left(\overline{b_2}\,b_1\,b_0\right) + \left(b_1\,\overline{b_0}\right)$$