## Marcus Domingo

## CSC 205 2/6/2015

## HW3B

5. a. 
$$B_7 = A_0 * A_1 * A_2$$
,  $B_6 = A_0 * A_1 * \sim A_2$ ,  $B_5 = A_0 * \sim A_1 * A_2$ ,  $B_4 = A_0 * \sim A_1 * \sim A_2$ , 
$$B_3 = \sim A_0 * A_1 * A_2$$
,  $B_2 = \sim A_0 * A_1 * \sim A_2$ ,  $B_1 = \sim A_0 * \sim A_1 * A_2$ ,  $B_0 = \sim A_0 * \sim A_1 * \sim A_2$  b.  $C = (A_0 * \sim B_0 \sim B_1) + (A_1 * \sim B_0 * B_1) + (A_2 * B_0 * \sim B_1) + (A_3 * B_0 * B_1)$ 

c.



