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.