1)
$$-(b_1+b_2+b_3)b_4b_5 \longrightarrow b_a(6-b_1-b_2-b_3-3b_4-3b_5).$$

2)
$$-(1+b_1+b_2)b_3b_4b_5 \longrightarrow b_a(8-b_1-b_2-3b_3-3b_4-3b_5).$$

3)
$$\min\left(\sum a_ib_i+d,0\right) \longrightarrow b_a\left(\sum a_ib_i+d\right).$$

4) Let $a_0, a_1, \cdots a_n \leq 0$. Then

$$a_0\prod_{i=1}^{n} b_i+\sum_{i=1}^{n}\left(a_i\prod_{j\neq i} b_j\right) \longrightarrow b_a\left(a_0\left(\sum_{i=1}^{n} b_i-(n-1)\right)+\sum_{i=1}^{n} a_i\left(\sum_{j\neq i} b_j-(n-2)\right)\right).$$