```
(\sharp 1^*): 0 \le 1 + \langle B \rangle \langle C \rangle + \langle AB \rangle + \langle AC \rangle
(#2): 0 \le 2 + \langle A \rangle \langle B \rangle \langle C \rangle - \langle C \rangle \langle AB \rangle - 2 \langle AC \rangle
(\sharp 3^*): \quad 0 \le 3 + \langle A \rangle - \langle B \rangle + \langle C \rangle + \langle B \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle + \langle AB \rangle - \langle C \rangle \langle AB \rangle + 3 \langle AC \rangle - \langle B \rangle \langle AC \rangle
(\sharp 4^*): \quad 0 \le 3 + \langle A \rangle - \langle B \rangle + \langle C \rangle + \langle B \rangle \langle C \rangle - \langle A \rangle \langle B \rangle \langle C \rangle + \langle AB \rangle + \langle C \rangle \langle AB \rangle + 3 \langle AC \rangle - \langle B \rangle \langle AC \rangle
(#5): 0 \le 3 + \langle B \rangle - \langle A \rangle \langle B \rangle + \langle A \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle + \langle AB \rangle + \langle C \rangle \langle AB \rangle - \langle B \rangle \langle AC \rangle - 2 \langle BC \rangle
(\pm 6): \quad 0 \le 3 + \langle B \rangle + \langle A \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle - \langle C \rangle \langle AB \rangle - 2 \langle AC \rangle - \langle B \rangle \langle AC \rangle - 2 \langle BC \rangle
(\sharp 7): \quad 0 \le 3 + \langle B \rangle + \langle A \rangle \langle B \rangle - \langle A \rangle \langle C \rangle - \langle A \rangle \langle B \rangle \langle C \rangle + \langle AB \rangle + \langle C \rangle \langle AB \rangle + \langle B \rangle \langle AC \rangle - 2 \langle BC \rangle
(\sharp \$^*): \quad 0 \leq 3 + \langle A \rangle + \langle B \rangle + \langle A \rangle \langle B \rangle + \langle C \rangle + \langle A \rangle \langle C \rangle + \langle B \rangle \langle C \rangle - \langle A \rangle \langle B \rangle \langle C \rangle + 2 \langle AB \rangle + \langle C \rangle \langle AB \rangle + 2 \langle AC \rangle + \langle B \rangle \langle AC \rangle + 2 \langle BC \rangle + \langle A \rangle \langle BC \rangle - \langle ABC \rangle + 2 \langle
(\sharp 9^\circ): \quad 0 \leq 3 + \langle A \rangle + \langle B \rangle - \langle A \rangle \langle B \rangle + \langle C \rangle + \langle A \rangle \langle C \rangle + \langle B \rangle \langle C \rangle - \langle A \rangle \langle B \rangle \langle C \rangle + \langle C \rangle \langle AB \rangle + 2 \langle AC \rangle + \langle B \rangle \langle AC \rangle - 2 \langle BC \rangle - \langle A \rangle \langle BC \rangle + \langle ABC \rangle
(\sharp 10^{\circ}): 0 \le 4 + 2\langle A \rangle \langle B \rangle + 2\langle C \rangle + 2\langle B \rangle \langle C \rangle - 2\langle AB \rangle + \langle C \rangle \langle AB \rangle - 2\langle AC \rangle + \langle B \rangle \langle AC \rangle + \langle A \rangle \langle BC \rangle - \langle ABC \rangle
(\pm 11^*): 0 \le 4 - 2 \langle B \rangle + \langle B \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle - 2 \langle AB \rangle + \langle C \rangle \langle AB \rangle - \langle B \rangle \langle AC \rangle - 3 \langle BC \rangle + \langle ABC \rangle
(\pm 12^{\circ}): 0 \leq 4 - 2\langle B \rangle + 2\langle A \rangle \langle C \rangle + \langle B \rangle \langle C \rangle - \langle A \rangle \langle B \rangle \langle C \rangle - 2\langle AB \rangle + \langle C \rangle \langle AB \rangle - 2\langle AC \rangle + \langle B \rangle \langle AC \rangle - 3\langle BC \rangle + \langle ABC \rangle
(\pm 13^{\circ}): 0 \leq 4 - 2\langle A \rangle \langle B \rangle - 2\langle A \rangle \langle C \rangle - \langle B \rangle \langle C \rangle - \langle A \rangle \langle B \rangle \langle C \rangle + 2\langle AB \rangle - \langle C \rangle \langle AB \rangle - 2\langle AC \rangle + \langle B \rangle \langle AC \rangle + \langle BC \rangle + \langle ABC \rangle
(\pm 14^{\circ}): 0 \leq 4 - 2\langle A \rangle \langle B \rangle + 2\langle A \rangle \langle C \rangle - \langle B \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle + 2\langle AB \rangle + \langle C \rangle \langle AB \rangle - 2\langle AC \rangle + \langle B \rangle \langle AC \rangle + \langle BC \rangle + \langle ABC \rangle
(\sharp 15^{\circ}): 0 \le 4 + 2 \langle A \rangle \langle C \rangle + \langle B \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle - \langle C \rangle \langle AB \rangle - 2 \langle AC \rangle - \langle B \rangle \langle AC \rangle + 3 \langle BC \rangle + \langle ABC \rangle
(\pm 16^{\circ}): 0 \le 4 - 2\langle B \rangle + 2\langle A \rangle \langle C \rangle - 2\langle AB \rangle + \langle C \rangle \langle AB \rangle - 2\langle AC \rangle + \langle B \rangle \langle AC \rangle - 2\langle BC \rangle - \langle A \rangle \langle BC \rangle + \langle ABC \rangle
(\pm 17^\circ): 0 \le 4 + 2\langle A \rangle \langle B \rangle + 2\langle A \rangle \langle C \rangle + 2\langle B \rangle \langle C \rangle - 2\langle AB \rangle + \langle C \rangle \langle AB \rangle - 2\langle AC \rangle + \langle B \rangle \langle AC \rangle - 2\langle BC \rangle + \langle A \rangle \langle BC \rangle + \langle ABC \rangle
(\pm 18): \quad 0 \le 5 + \langle A \rangle + \langle B \rangle - 2 \langle A \rangle \langle B \rangle + \langle C \rangle + \langle B \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle + 3 \langle AB \rangle + \langle C \rangle \langle AB \rangle + \langle AC \rangle - \langle B \rangle \langle AC \rangle - 4 \langle BC \rangle
(\sharp 19^\circ): \ 0 \leq 5 + \langle A \rangle + \langle B \rangle + 2 \langle A \rangle \langle B \rangle + \langle C \rangle - 2 \langle A \rangle \langle C \rangle + \langle B \rangle \langle C \rangle - \langle A \rangle \langle B \rangle \langle C \rangle + 3 \langle AB \rangle + \langle C \rangle \langle AB \rangle - \langle AC \rangle + \langle B \rangle \langle AC \rangle - 4 \langle BC \rangle
(\sharp 20^*): \ 0 \leq 5 + \langle A \rangle - \langle B \rangle - 2 \langle A \rangle \langle B \rangle + \langle C \rangle - \langle A \rangle \langle C \rangle + \langle B \rangle \langle C \rangle + \langle AB \rangle + \langle C \rangle \langle AB \rangle + 2 \langle AC \rangle - 2 \langle B \rangle \langle AC \rangle - 2 \langle BC \rangle - 2 \langle A \rangle \langle BC \rangle - 2 \langle ABC \rangle
(\sharp\sharp 21^*): \ 0 \leq 5 + \langle A \rangle + \langle B \rangle + \langle C \rangle - \langle A \rangle \langle C \rangle - \langle B \rangle \langle C \rangle - 2 \langle A \rangle \langle B \rangle \langle C \rangle + \langle AB \rangle + 2 \langle C \rangle \langle AB \rangle + 2 \langle AC \rangle + \langle B \rangle \langle AC \rangle - 2 \langle BC \rangle + \langle A \rangle \langle BC \rangle - \langle ABC \rangle
(\sharp 22^*): \ 0 \leq 5 - \langle A \rangle + \langle B \rangle - 2 \langle A \rangle \langle B \rangle + \langle C \rangle - 2 \langle A \rangle \langle C \rangle + 2 \langle B \rangle \langle C \rangle + \langle AB \rangle - 2 \langle C \rangle \langle AB \rangle + \langle AC \rangle - 2 \langle B \rangle \langle AC \rangle - \langle BC \rangle - 2 \langle A \rangle \langle BC \rangle + \langle ABC \rangle - \langle ABC \rangle + \langle ABC \rangle - \langle ABC \rangle + \langle AB
(\sharp\sharp 23^*): \ 0 \leq 5 + \langle A \rangle + \langle B \rangle - \langle A \rangle \langle B \rangle + \langle C \rangle + 2 \langle B \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle + 2 \langle AB \rangle - \langle C \rangle \langle AB \rangle + \langle AC \rangle - 2 \langle B \rangle \langle AC \rangle - \langle BC \rangle - 2 \langle A \rangle \langle BC \rangle + \langle ABC \rangle - 2 \langle A \rangle \langle BC \rangle + 2 \langle AB \rangle \langle AC \rangle - 2 \langle AB \rangle
(\sharp\sharp 24^*): \ 0 \leq 5 + \langle A \rangle + \langle B \rangle - 2 \langle A \rangle \langle B \rangle + \langle C \rangle - \langle A \rangle \langle C \rangle - \langle B \rangle \langle C \rangle - 2 \langle A \rangle \langle B \rangle \langle C \rangle - \langle AB \rangle + 2 \langle C \rangle \langle AB \rangle + 2 \langle AC \rangle + \langle B \rangle \langle AC \rangle + 2 \langle BC \rangle - \langle A \rangle \langle BC \rangle + \langle ABC \rangle + \langle ABC
(\sharp 25): \quad 0 \leq 6 + 2 \left< A \right> \left< B \right> + \left< A \right> \left< C \right> + 2 \left< B \right> \left< C \right> + \left< A \right> \left< B \right> \left< C \right> - 4 \left< AB \right> - 2 \left< C \right> \left< AB \right> - 3 \left< AC \right> - \left< B \right> \left< AC \right> - 2 \left< A \right> \left< BC \right>
(\sharp 26): \quad 0 \leq 6 - 2 \langle A \rangle + \langle A \rangle \langle B \rangle + 2 \langle C \rangle + \langle A \rangle \langle C \rangle + 2 \langle A \rangle \langle B \rangle \langle C \rangle - 5 \langle AB \rangle - \langle C \rangle \langle AB \rangle - 3 \langle AC \rangle + \langle B \rangle \langle AC \rangle - 2 \langle A \rangle \langle BC \rangle
(\pm 27): \quad 0 \leq 6 + 2 \langle A \rangle \langle B \rangle + 2 \langle C \rangle + \langle A \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle - 4 \langle AB \rangle - 2 \langle C \rangle \langle AB \rangle + 3 \langle AC \rangle + \langle B \rangle \langle AC \rangle - 2 \langle A \rangle \langle BC \rangle
(\sharp 28): \quad 0 \leq 6 + \langle A \rangle \langle B \rangle + \langle A \rangle \langle C \rangle - 4 \langle B \rangle \langle C \rangle - 2 \langle A \rangle \langle B \rangle \langle C \rangle + \langle AB \rangle + \langle C \rangle \langle AB \rangle - 3 \langle AC \rangle - \langle B \rangle \langle AC \rangle + 2 \langle BC \rangle - 2 \langle A \rangle \langle BC \rangle
(\sharp 29): \quad 0 \leq 6 + 2 \langle B \rangle + \langle A \rangle \langle B \rangle - 2 \langle A \rangle \langle C \rangle + \langle B \rangle \langle C \rangle - 2 \langle A \rangle \langle B \rangle \langle C \rangle + 3 \langle AB \rangle + \langle C \rangle \langle AB \rangle + 2 \langle B \rangle \langle AC \rangle - 5 \langle BC \rangle + \langle A \rangle \langle BC \rangle
(\sharp 30): \quad 0 \leq 6 + 2 \langle B \rangle - 2 \langle A \rangle \langle B \rangle + 4 \langle A \rangle \langle C \rangle - \langle B \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle + 2 \langle AB \rangle + 2 \langle C \rangle \langle AB \rangle - 2 \langle AC \rangle + 2 \langle B \rangle \langle AC \rangle + \langle BC \rangle + \langle AC \rangle \langle BC \rangle \langle AC \rangle + \langle AC \rangle \langle BC \rangle \langle AC \rangle + \langle AC \rangle \langle BC \rangle \langle AC \rangle + \langle AC \rangle \langle AC \rangle \langle AC \rangle + \langle AC \rangle \langle AC \rangle \langle AC \rangle + \langle AC \rangle \langle AC \rangle \langle AC \rangle \langle AC \rangle + \langle AC \rangle \langle AC \rangle \langle AC \rangle \langle AC \rangle + \langle AC \rangle + \langle AC \rangle \langle AC
(\pm 31): \quad 0 \le 6 + \langle A \rangle \langle C \rangle + 4 \langle B \rangle \langle C \rangle + \langle A \rangle \langle B \rangle \langle C \rangle - 2 \langle AB \rangle - 2 \langle C \rangle \langle AB \rangle - 3 \langle AC \rangle - \langle B \rangle \langle AC \rangle - 2 \langle BC \rangle - 2 \langle ABC \rangle
(\sharp 32): \quad 0 \leq 7 + \langle A \rangle + \langle B \rangle + \langle A \rangle \langle B \rangle + \langle C \rangle - 2 \langle A \rangle \langle C \rangle + 2 \langle B \rangle \langle C \rangle - \langle A \rangle \langle B \rangle \langle C \rangle + 2 \langle AB \rangle + 3 \langle C \rangle \langle AB \rangle + \langle AC \rangle + 2 \langle B \rangle \langle AC \rangle - 3 \langle BC \rangle - 2 \langle A \rangle \langle BC \rangle + 3 \langle ABC \rangle + 2 \langle AB \rangle + 2 \langle A
(\sharp\sharp33): \quad 0 \leq 8 + 2 \left< A \right> \left< B \right> + 4 \left< A \right> \left< C \right> - 2 \left< B \right> \left< C \right> + 2 \left< A \right> \left< B \right> \left< C \right> - 2 \left< AB \right> - \left< C \right> \left< AB \right> - 4 \left< AC \right> + \left< B \right> \left< AC \right> - 2 \left< BC \right> - 3 \left< A \right> \left< BC \right> - 3 \left< ABC \right> + 2 \left< AB \right> - 3 \left< ABC \right> + 2 \left< AB \right> - 3 \left< ABC \right> + 2 \left< AB \right> + 2 \left<
(\pm 34): \quad 0 \leq 8 + 2 \langle A \rangle - 2 \langle C \rangle - \langle A \rangle \langle C \rangle + 2 \langle B \rangle \langle C \rangle + 3 \langle A \rangle \langle B \rangle \langle C \rangle - 6 \langle AB \rangle + \langle C \rangle \langle AB \rangle + \langle AC \rangle + 2 \langle B \rangle \langle AC \rangle - 3 \langle A \rangle \langle BC \rangle + \langle ABC \rangle
(\sharp 35): \quad 0 \leq 8 + 2 \left< A \right> + \left< A \right> \left< C \right> + 2 \left< B \right> \left< C \right> + 3 \left< A \right> \left< B \right> \left< C \right> + 6 \left< AB \right> - \left< C \right> \left< AB \right> + \left< AC \right> - 2 \left< B \right> \left< AC \right> - 2 \left< BC \right> - 3 \left< A \right> \left< BC \right> + \left< ABC \right> + \left<
(\pm 36): \quad 0 \leq 8 - 2 \langle B \rangle + 2 \langle A \rangle \langle B \rangle - 2 \langle C \rangle - \langle B \rangle \langle C \rangle - 3 \langle A \rangle \langle B \rangle \langle C \rangle + 3 \langle C \rangle \langle AB \rangle - 6 \langle AC \rangle + \langle B \rangle \langle AC \rangle + \langle BC \rangle - 2 \langle A \rangle \langle BC \rangle + \langle ABC \rangle
(\sharp 37): \quad 0 \leq 8 + 2 \langle B \rangle + \langle A \rangle \langle B \rangle - 2 \langle A \rangle \langle C \rangle - 3 \langle A \rangle \langle B \rangle \langle C \rangle + \langle AB \rangle + 2 \langle C \rangle \langle AB \rangle + 2 \langle AC \rangle + 3 \langle B \rangle \langle AC \rangle - 6 \langle BC \rangle - \langle A \rangle \langle BC \rangle + \langle ABC \rangle + \langle AB
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