

(Q1) Direct

$$abc \left| \begin{array}{c} \\ \\ \end{array} \right.$$

(2)  $f(x) + f(-x)$

(11)

(3)  $\left| \quad \right| \times \left| \quad \right|$

$$(12) \left| \begin{array}{ccc} b_1 & c_1+a_1 & a_1+b_1 \\ b_2 & c_2+a_2 & a_2+b_2 \\ b_3 & c_3+a_3 & a_3+b_3 \end{array} \right| + \left| \begin{array}{ccc} c_1 & c_1+a_1 & a_1+b_1 \\ c_2 & c_2+a_2 & a_2+b_2 \\ c_3 & c_3+a_3 & a_3+b_3 \end{array} \right|$$

(4) ✓

(5) .

(6) Normal open

(7)  $|a^2+x| \quad | \quad \checkmark$

(8) ✓

(9) ✓

(10) .

$$(14) A + \beta + C = \bar{\Lambda}$$

$$\left| \begin{array}{ccc} \sin \frac{A_1}{2} & \sin \frac{B_1}{2} & \sin \frac{C_1}{2} \\ 0 & 0 & \sin \frac{C_2}{2} \\ 0 & 0 & \sin \frac{C_3}{2} \end{array} \right| + \left| \begin{array}{ccc} c_1 & a_1 & a_1+b_1 \\ c_2 & a_2 & a_2+b_2 \\ c_3 & a_3 & a_3+b_3 \end{array} \right| + \left| \begin{array}{ccc} c_1 & a_1 & b_1 \\ c_2 & a_2 & b_2 \\ c_3 & a_3 & b_3 \end{array} \right| \checkmark$$

$$\therefore \sin \frac{A_1}{2} \cdot \sin \frac{B_2}{2} \cdot \sin \frac{C_3}{2} \leq \frac{1}{8}$$