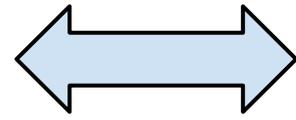


$$\sqrt{a} \cdot b \geq 0$$



$$\left[\begin{array}{l} \sqrt{a} \geq 0 \\ b \geq 0 \end{array} \right] \vee \left[\begin{array}{l} \sqrt{a} \leq 0 \\ b \leq 0 \end{array} \right]$$

$$\sqrt{a} \cdot b \leq 0$$



$$\left[\begin{array}{l} \sqrt{a} \geq 0 \\ b \leq 0 \end{array} \right] \vee \left[\begin{array}{l} \sqrt{a} \leq 0 \\ b \geq 0 \end{array} \right]$$