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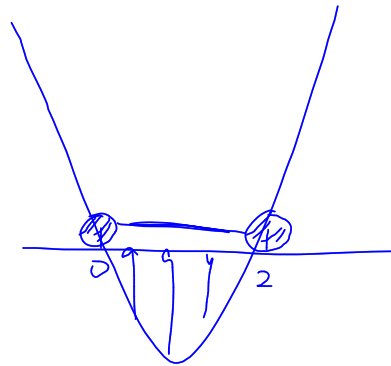
a)  $x \times x \leq x + x$

$$x^2 \leq 2x$$

$$x^2 - 2x \leq 0$$

$$x(x-2) \leq 0$$

$$\underline{0 \leq x \leq 2}$$



b)  $x \times x \times x \leq x + x + x$

$$x^3 \leq 3x$$

$$x^3 - 3x \leq 0$$

$$x(x^2 - 3) \leq 0$$

$$x(x + \sqrt{3})(x - \sqrt{3}) \leq 0$$

$$\underline{x \leq -\sqrt{3}, 0 \leq x \leq \sqrt{3}}$$

