

The Language of Math

$$a = 1a; -a = -1a$$

$$\frac{a}{2} = \frac{1a}{2} = \frac{1}{2}a$$

$$X^2 = X \cdot X \geq 0$$

$$-X^2 = -(X^2) \leq 0$$

- X , can be any number.

$|x| \geq 0$, Absolute Value

$$\text{Example} \Rightarrow |-3| = -(-3) = 3$$

$$x^2 = 25$$

$$x = ? \quad (x = -5, x = 5)$$

$$y = x^2 - 5 \text{ , It is a parabola .}$$

