

$$|x| = 5 \rightarrow x = 5 \text{ or } x = -5$$

$$|x| < 5 \rightarrow -5 < x \text{ and } x < 5$$

$$|x| > 5 \rightarrow x < -5 \text{ or } x > 5$$

$$|x| = 5 \rightarrow x = 5 \text{ or } x = -5$$

$$|x| < 5 \rightarrow -5 < x \text{ and } x < 5$$

$$|x| > 5 \rightarrow x < -5 \text{ or } x > 5$$

$$a \neq 0$$

$$a^4 = a * a * a * a$$

$$a^3 = a * a * a$$

$$a^2 = a * a$$

$$a^1 = a$$

$$a^0 = 1$$

$$a^{-1} = \frac{1}{a^1} = \frac{1}{a}$$

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

$$a^m * a^n = a^{m+n}$$

$$\frac{a^m}{a^n} = a^{m-n}$$

$$(a^m)^n = a^{m*n}$$