

PROPRIETÀ POTENZE E RADICALI

$$a^n \cdot a^m = a^{n+m}$$

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

$$(a^n)^m = a^{n \cdot m}$$

$$a^n \cdot b^n = (a \cdot b)^n$$

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

$$a^{\frac{1}{n}} = \sqrt[n]{a}$$

$$\sqrt{xy} = \sqrt{x} \cdot \sqrt{y}$$

$$\sqrt{\frac{x}{y}} = \frac{\sqrt{x}}{\sqrt{y}}$$

$$\sqrt[n]{a^n b} = a \sqrt[n]{b}$$

$$\sqrt[n]{a} \cdot \sqrt[m]{b} = \sqrt[n \cdot m]{a^m \cdot b^n}$$