

Ripasso

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$$a > 1 \quad a^n > 1 \quad \forall n \in \mathbb{Q}, n > 0 \quad p, q \in \mathbb{N} \wedge q \neq 0 : n = \frac{p}{q} \quad (1)$$

$$a^n = \sqrt[q]{a^p} \geq \sqrt[q]{a} > \sqrt[q]{1} = 1 \quad (2)$$