

ERRO RELATIVO

$$E\% = \frac{|X_m - X_v|}{X_v}$$

régua

$$\left\{ \begin{array}{l} \text{diâmetro} \rightarrow \frac{|20,10 - 20,00|}{20,00} = \frac{0,10}{20} \cdot 100 = \underline{0,50\%} \\ \text{altura} \rightarrow \frac{|20,20 - 20,10|}{20,10} = \frac{0,10}{20,10} = 0,004975124 \cdot 100 = \underline{0,49\%} \end{array} \right.$$

paquímetro

$$\left\{ \begin{array}{l} \text{diâmetro} \rightarrow \frac{|18,00 - 18,00|}{18,00} = \underline{0\%} \\ \text{altura} \rightarrow \frac{|20,20 - 20,10|}{20,10} = \frac{0,10}{20,10} = 0,004975124 \cdot 100 = \underline{0,49\%} \end{array} \right.$$

micrômetro

$$\left\{ \begin{array}{l} \text{diâmetro} \rightarrow \frac{|18,41 - 18,41|}{18,41} = \frac{0}{18,41} = \underline{0\%} \\ \text{altura} \rightarrow \frac{|20,14 - 20,14|}{20,14} = \frac{0}{20,14} = \underline{0\%} \end{array} \right.$$

é pra
densidade