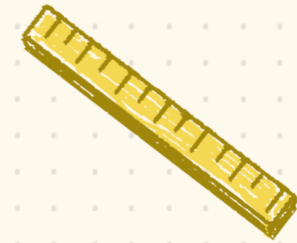
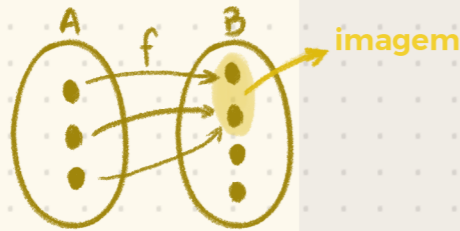


Funções



y em função de x \rightsquigarrow y depende de x

$f: A \rightarrow B$ $\left\{ \begin{array}{l} A: \text{Domínio} \\ B: \text{Contra-domínio} \end{array} \right.$



“Raiz”: $f(x) = 0$
 $f: \mathbb{R} \rightarrow \mathbb{R} \mid f(x) = x+2$
 $x = -2$ (raiz)

ESTUDO DE DOMÍNIO

$f(x) = \frac{x}{x-1} \neq 0$
 Dom: $\{x \in \mathbb{R} \mid x \neq 1\}$

$f(x) = \sqrt{x+3} \geq 0$
 Dom: $\{x \in \mathbb{R} \mid x \geq -3\}$

GRÁFICOS

