

IN THIS STEP WE DETERMINE THE DOMAIN AND RANGE

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- THE DOMAIN OF A FUNCTION $f(x)$ IS THE SET OF ALL INPUT VALUES (X-VALUES) FOR THE FUNCTION.
- THE RANGE OF A FUNCTION $f(x)$ IS THE SET OF ALL OUTPUT VALUES (y-VALUES) FOR THE FUNCTION.

HERE IS A [GOOD REVIEW](#)

$$x^3 - 6x^2 + 9x + 1$$

Is a polynomial $\therefore x \in \mathbb{R}$ and $y \in \mathbb{R}$