

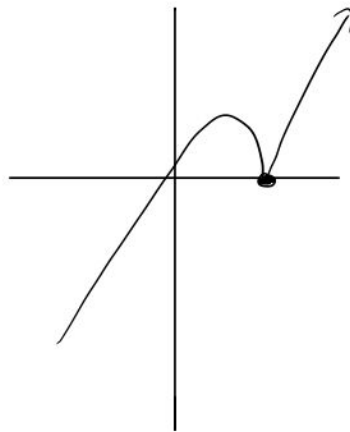
## IN THIS STEP WE DETERMINE THE DOMAIN AND RANGE



- 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.

$$x(x-5)^{\frac{2}{3}} = y$$

$x \in \mathbb{R}$  since no  $x$  restriction



$y \in \mathbb{R}$