

# 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.

HERE IS A [GOOD REVIEW](#)

The domain of  $3x^5 - 5x^3$  is  $x \in \mathbb{R}$

The range of this equation is  $y \in \mathbb{R}$