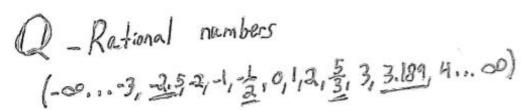
Number Sets . new values underlined

(1,2,3,4,...00)

W-Whole numbers (0,1,2,3,4...00)

[-00...-3,-2,-10,1,2,34...0)



Domain: Set of all possible Input ("x") Values for a given Function.

Interval Notation	Set Builder Notation
*Only used for Continuous Function	Used for <u>Continuous</u> or <u>Discrete</u> Functions
(-00, 00) Negative Infinity To Positive Infinity	 { X X ∈ N } X, such that x is an element of the Natural #'s.
(- ∞ , 4 \int) Negative Infinity to 4, Including 4	
 ∠-3, ∞) o -3 to Positive Infinity, Including -3 	 ∑ X X ∈ Z, x ≥ -3 X, such that X is an Element of the Integers greater than or equal to -3.
(-3, 4] • -3 to 4, Including 4 not -3	 { x x ∈ R, -3 < x ≤ 4 } X, such that X is an element of the Real #'s between -3 and 4, including 4.
(- Not Included	} - Set