

For two-dimensions:  $R \times R : \{ (x, y) \in R \}$ , denoted by " $R^2$ ". For three-dimensions: R × R × R : { (x, y, z) ∈ R }, denoted by "R". Note: the graph of an equation in " $R^2$ " is called a curve. In " $R^3$ ", it is called a surface.







