Inverse Variation – A variation stated in the form $y = \dfrac{k}{x}$, where k is the constant of variation.

      In this equation the values of y get smaller as the vales of x get greater. It is said that x and y are inversely proportional.

Iteration – repetition of a sequence of instructions. Iteration is characterized by a set of initial conditions, an iterative step and a termination condition. For example, the set of Fibonacci numbers is generated by beginning with 1, 1, and using the iterative process of summing the two previous terms to determine all subsequent terms. The set of Fibonacci numbers is {1, 1, 2, 3, 5, 8, 13. . .}