

Q: Differentiate b/w function & relation?

Function:

"A relation b/w dependent & independent variable function, is called a function."

If for a single value of independent variable. There exist a single value of dependent variable.

e.g:-

A linear demand relation is a function

In this function, for every single price, there is a single value of quantity demanded.

Relation:

"If dependence of one variable on another dependent variable is such that for a single value of independent variable ( $x$ ) there exist more than one (variable) values of