

# Download Functions Maths Pdf

Introduction to functions mc-TY-introfns-2009-1 A function is a rule which operates on one number to give another number. However, not every rule describes a valid function. This unit explains how to see whether a given rule describes a valid function, and introduces some of the mathematical terms associated with functions. All functions are relations but not all relations are functions. Dependent and Independent Variables The x-number is called the independent variable, and the y-number is called the dependent variable because its value depends on the x-value chosen. Vertical Line Test If a vertical line cuts the graph once only, it is a function. Mathematics Learning Centre Functions and Their Graphs Jackie Nicholas Janet Hunter Jacqui Hargreaves c 1997 University of Sydney 20 EXEMPLAR PROBLEMS – MATHEMATICS (i) A relation may be represented either by the Roster form or by the set builder form, or by an arrow diagram which is a visual representation of a relation.