

Functions and Relations

A relation is _____

The set of x-values is called _____ The set of Y-values is called _____.

When finding the domain, be careful at:

1) The denominator:

Examples:

2) The expression inside an even root:

Examples:

Definition of a Function:

A function can be represented as:

From a graphical perspective, a relation is a function if _____ test.
Every vertical line must intersect the graph only once.

Definition of a One-to-One Function: -

A function is a one-to-one **function** if _____ test.

Every horizontal line must intersect the function once.

Examples:

Remember!

