Mathematical definitions for everyone

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1 Set

Set   In mathematics, a set is a collection of well defined distinct objects, considered as an object in its own right.

2 Function

(MSC: 03E99)

Function   . Is a relation between sets in which one element of the set is related to another element of the second set.

$$f : A \mapsto B$$

Functions are composed by three things:

- The domain.

- The codomain or range.

- The correspondence rule.

$$f(n) :=$$

Domain

Codomain or Range