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## Conteudo

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### Definition of a Function

A **Function**  $f$  is a rule that assigns each element  $x$  in a set  $D$  exactly one element, called  $f(x)$  in a set  $E$ .

Set  $D$  is called the \_\_\_\_\_ of the function

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Set  $D$  is called the Domain of the function

Set  $E$  is called the Range of the function

## Your very first flash card

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$$\sqrt{x^2} =$$

- (A)  $x$
- (B)  $-x$
- (C)  $|x|$
- (D) undefined

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