

CLASS 11

MATHS

REVISION NOTES

Class 11 Maths Chapter 2 Relations and Functions – Revision Notes

Quick revision notes for Class 11 Maths Chapter 2 (Relations and Functions). These Class 11 Maths Chapter 2 notes are ideal for quick revision just before exams.

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Quick revision notes for Class 11 Maths Chapter 2 (Relations and Functions). These Class 11 Maths Chapter 2 notes are ideal for quick revision just before exams.

Cartesian Product

$A \times B$ = all ordered pairs (a,b) , $a \in A$, $b \in B$. $|A \times B| = |A| \times |B|$.

Relations

Relation = subset of $A \times B$. Domain = first elements; Range = second elements.

Functions

Special relation: each domain element $\rightarrow$ exactly one output.

Types of Functions

Identity: $f(x)=x$. Constant: $f(x)=c$. Modulus: $f(x)=|x|$. Signum: $-1/0/1$. Greatest integer: $[x]$.

Algebra of Functions

$(f+g)(x)$, $(f-g)(x)$, $(fg)(x)$, $(f/g)(x)$ [$g(x) \neq 0$].

One-Line Summary

A function is a relation where every domain element maps to exactly one output, and functions can be combined algebraically (sum, difference, product, quotient) just like numbers.

Class 11 Maths Chapter 2 – Solutions and Important Questions

Need full answers or more practice? See the [Class 11 Maths Chapter 2 Solutions](#) and [Class 11 Maths Chapter 2 Extra Questions](#).

See also: [Chapter 2](#)

Practice more: [Chapter 2](#)