



Understanding Functions and Their Graphs

Today's Standard

8.F.A1 - Understand that a function is a rule that assigns to each input exactly one output. The graph of a function is the set of ordered pairs consisting of an input and the corresponding output.

Cues	Notes
Function	A function assigns exactly one output to each input.
Input	The graph of a function consists of ordered pairs (input, output).
Output	Functions can be represented using tables, graphs, or equations.
Graph	Each input in a function corresponds to one and only one output.
Ordered pairs	Functions are fundamental in understanding relationships between quantities.
Coordinate plane	

Summary

A function is a rule that assigns exactly one output to each input. The graph of a function is a set of ordered pairs representing this relationship. Understanding functions is essential for analyzing relationships in mathematics.