



Graphing and Equations

Today's Standard

HSA.CED.A2 - Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.

Cues	Notes
Equations in two variables	Equations can represent relationships between two or more quantities.
Graphing on coordinate axes	Graphs help visualize these relationships on coordinate planes.
Choosing scales	Scales on axes should be chosen based on the data being represented.
Linear vs. non-linear relationships	Not all relationships are linear; they can also be quadratic, exponential, etc.
Real-world applications	These skills are used in budgeting, population modeling, business analysis, etc.

Summary

Creating equations in two or more variables helps represent relationships between quantities. Graphing these equations requires appropriate scales and understanding different types of relationships. These skills are crucial for real-world applications.