



Graphing Linear and Quadratic Functions

Today's Standard

HSF.IF.C7a - Graph linear and quadratic functions and show intercepts, maxima, and minima.

Cues	Notes
Intercepts	Intercepts are points where the graph crosses the x-axis or y-axis.
Maxima	Maxima are the highest points on the graph of a quadratic function.
Minima	Minima are the lowest points on the graph of a quadratic function.
Linear Functions	Linear functions are straight lines with a constant rate of change.
Quadratic Functions	Quadratic functions form a parabolic shape and can have maxima or minima.

Summary

This standard involves graphing linear and quadratic functions, identifying key features like intercepts, maxima, and minima. Understanding these concepts is essential for progressing to more complex functions and calculus.