Graphing Equations in Two Variables

Today's Standard

HSA.REI.D10 - Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve (which could be a line).

Cues	Notes
What is the graph of an equation?	The graph of an equation in two variables is a set of all its solutions plotted in the coordinate plane.
What types of shapes can equations form?	Equations can form various shapes, including lines, parabolas, and other curves.
Why are non-integer solutions important?	Non-integer solutions are important because they provide a complete picture of the equation's solutions.

Summary

Understanding the graph of an equation helps in visualizing its solutions. Equations can form different shapes, and solutions can be any real number, not just integers.