



## Graphing Glossary

Term	Definition
Linear Function	A function where the relationship between the independent and dependent variables can be visualized as a straight line.
Quadratic Function	A function where the relationship between the independent and dependent variables can be visualized as a parabola.
Trigonometric Function	A function that describes a repeating (periodic) relationship, like sine, cosine, or tangent.
Domain	The set of all possible input values for a function.
Range	The set of all possible output values for a function.
Intercept	The point of intersection between a graph and the x-axis (x-intercept) or y-axis (y-intercept).
Maximum/Minimum	The highest (maximum) or lowest (minimum) point on the graph of a function.
Asymptote	A line that a graph gets infinitely close to but never actually touches.
Translation	Moving a graph up/down or left/right without changing its shape.
Reflection	Flipping a graph over a horizontal or vertical axis, reversing its direction.
Stretch	Expanding or contracting a graph horizontally or vertically, affecting its steepness.