

Term, Phrase, or Expression	Simple Definition	Comprehension Support
Limit	A restriction on size or amount	
Derivative	Slope of a tangent line	
Differential equation	Equation representing a rate	
Differentiate	The process of calculating a derivative	
Integral	Area beneath the curve of a function	
Integrate	The process of calculating an integral	
Continuous	Not ending	
Continuity	Not ending	
Optimization	maximizing/minimizing a function	
Related Rates	Rates of change that affect each other	
vector	A ray with direction and magnitude	
Rate of change	Slope of a line	
approximation	Accurate estimation	
convergence	Approach one value	
divergence	To not approach one value	
Improper integral	An integral with infinite limits of a discontinuity	
transcendental	Types of functions	
series	Sequence of terms added together	

sequence	List of terms that are related by a patten	
Infinity	Noun form of infinite	
Infinite	Never ending	
Tangent line	A line with the same slope at a point or a line that intersects a curve at exactly 1 point	
Parametric Equations	Equations based on a parameter (often time)	
parameter	Constraint, rule, or variable	
Polar Coordinates	Coordinate system using a length and angle to plot points	