



Calculus Methods Glossary

Term	Definition
Derivative	The rate of change of a function at a particular point
Antiderivative/Integral	The inverse operation of differentiation, used to find the original function from its derivative
Gradient/Slope	The slope or rate of change of a line or curve at a particular point
Gradient function	The function that describes the gradient of another function at each point
Gradient at a point	The slope or rate of change of a function at a specific point
Equation of a tangent	The equation of the line that is tangent to a curve at a particular point
Turning point	A point on a curve where the function changes from increasing to decreasing, or vice versa
Rate of change	The speed at which a quantity changes over time
Kinematics	The branch of physics that deals with the motion of objects without considering the forces that cause the motion