Derivative

slope
change
zero
limit
tangent

Mean Value Theorem

derivative
slope
continuous
differentiable
c

Concave

up
down
inflection
second
derivative

Continuity

differentiable
limit
exist
function
graph

Limit

infinity
asymptote
derivative
delta
epsilon

Implicit Differentiation

change
explicit
dy/dx
related rates
derivative

Velocity

position
derivative
time
acceleration
speed

Related Rates

volume
area
increasing
decreasing
radius

Asymptote
limit
infinity
oblique
horizontal
vertical

Product Rule
first
second
multiply
add
derivative

Chain Rule
derivative
inside
x
multiply
g

Free Response
multiple
second
six
test
part

Power Rule
x
front
subtract
derivative
exponent

Multiple Choice
free
guess
first
45
calculator

Quotient Rule
top
divide
bottom
numerator
denominator

Function
f
x
increasing
change
derivative

Extreme Value Theorem

continuous
differentiable
maximum
minimum
endpoints

Maximum

derivative
zero
increasing
relative
minimum

Points of Inflection

derivative
zero
decreasing
concavity
x^3

Rolle's Theorem

zero
mean
function
continuous
x-axis

Critical Number

extremum
derivative
zero
undefined
function

Relative Minimum

maximum
derivative
absolute
critical
zero

First Derivative Test

sign
critical
extremum
second
prime

Decreasing

increasing
derivative
negative
zero
tangent

Extremum
critical
derivative
zero
increasing
maximum

dy/dx
derivative
implicit
change
slope
tangent

Sine
cosine
derivative
cosecant
tangent
circle

Equation
equal
side
x
variable
function

$\pi r^2 h$
cylinder
volume
radius
height
area

Constant
zero
derivative
parabola
horizontal
slope

Variable
independent
dependent
function
x
t

May 2005
exam
test
calculus
semester
pass

5

exam
score
four
three
pass

Calculator

button
graph
plot
screen
mode

Normal Line

perpendicular
tangent
reciprocal
derivative
slope

Slope

tangent
derivative
change
limit
secant