Calculus AB

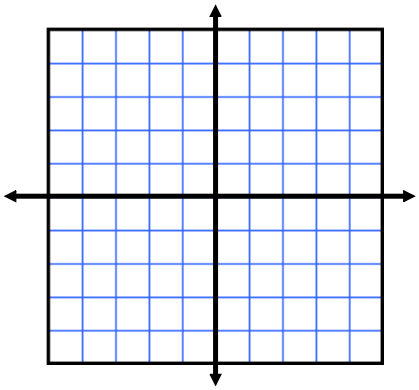
2-1

(Day 3)

Definition of the Derivative

Find an equation of the tangent line to the graph of f at the indicated point. (pg 102)

25) $f(x) = x^2 + 1, \quad (2,5)$

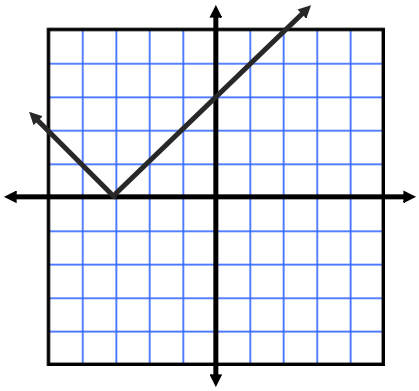


Find an equation of the line that is tangent to the graph of f and parallel to the given line.

	Function	Line
33)	$f(x) = x^3$	$3x - y + 1 = 0$

Describe the x-values at which f is differentiable.

71) $f(x) = |x + 3|$



Assignment:
Pg. 104
25 - 37 odd,
39 - 42 all,
83 - 92 all