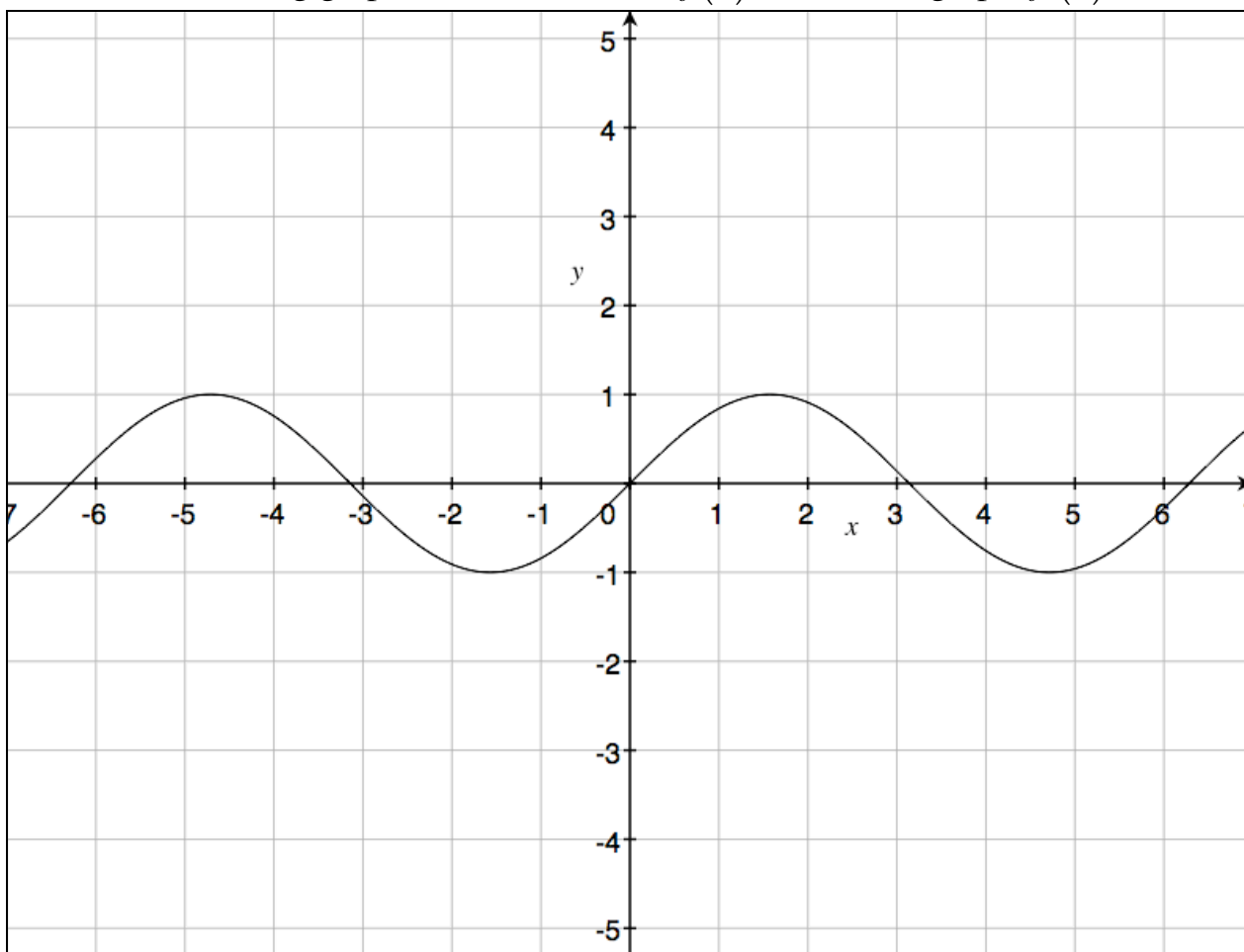


AP Calc Warm Up – 10/28/10

Name: _____

Period: _____

1) The following graph is of the function $f(x)$. Sketch the graph $f'(x)$.



2) Find $f'(x)$ for the following functions:

a. $f(x) = -8x + 4$

b. $f(x) = 10x^{\frac{1}{2}} + 9x$

c. $f(x) = x^{-1}$

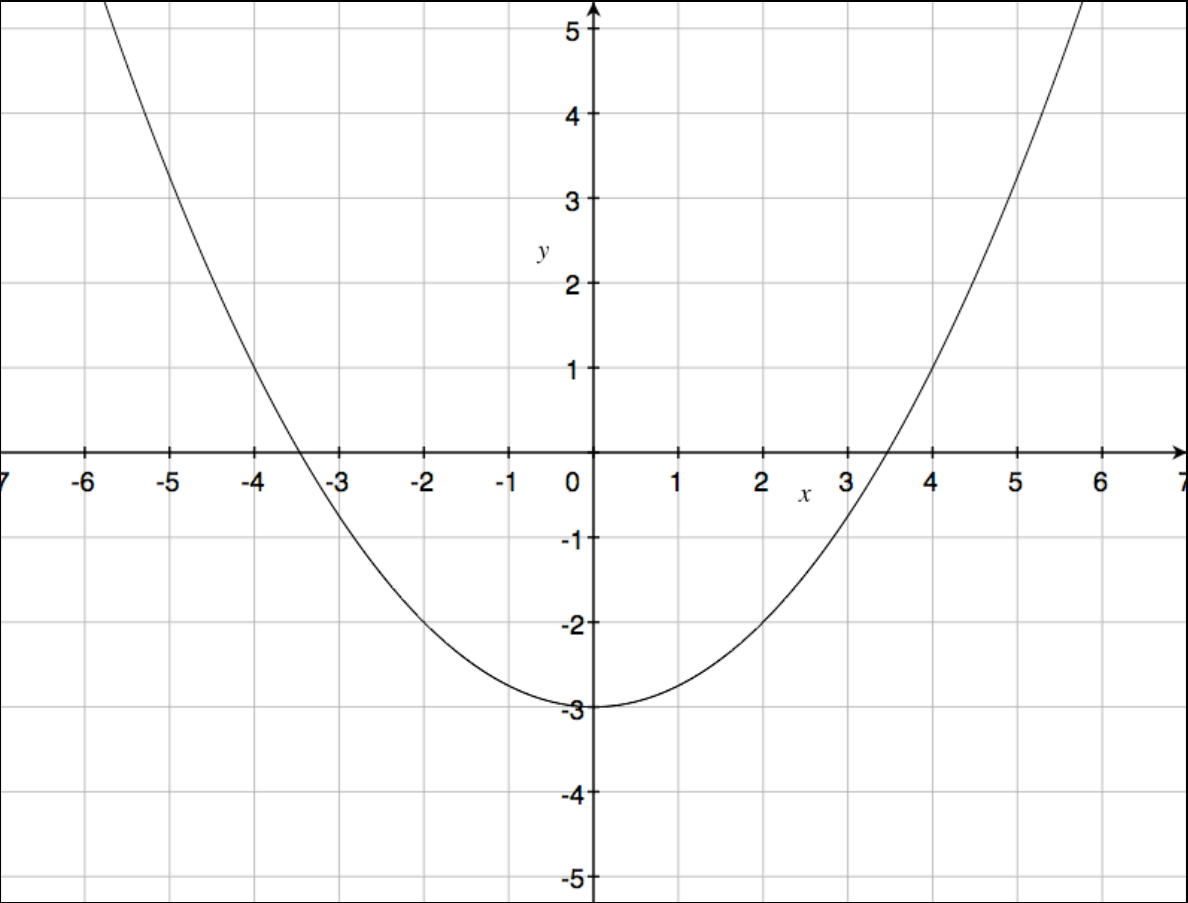
AP Calc – The Second Derivative – 10/28/10

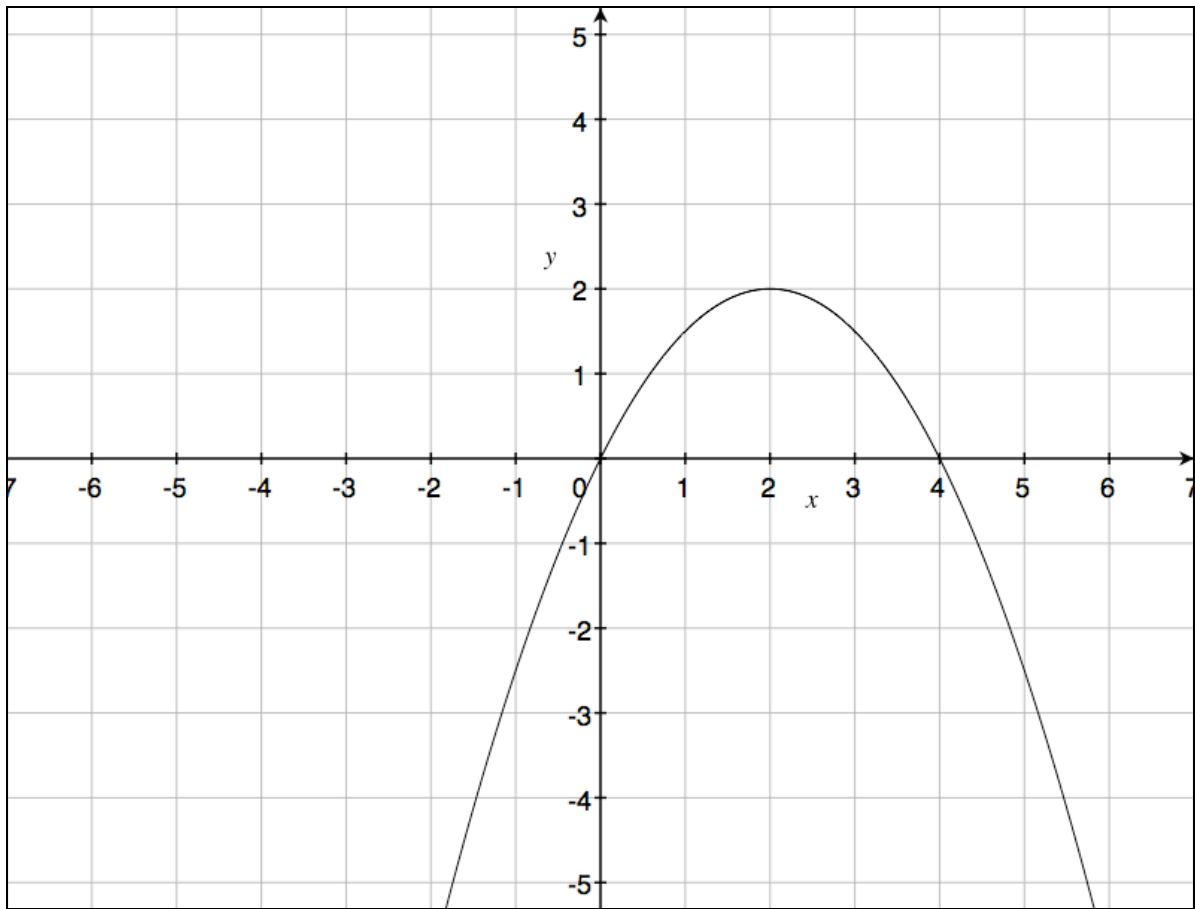
Name: _____

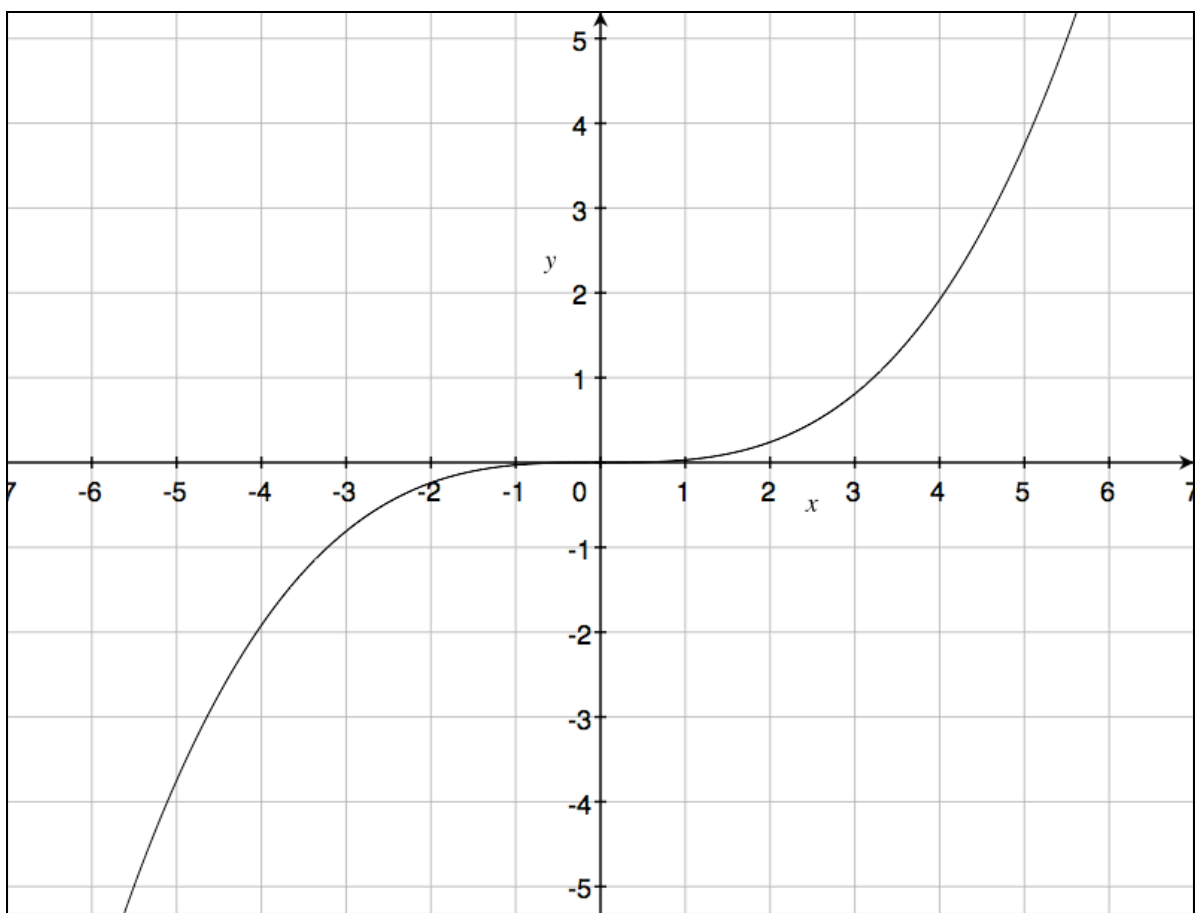
Period: _____

Let's recall what the derivative tells us.

The Second Derivative





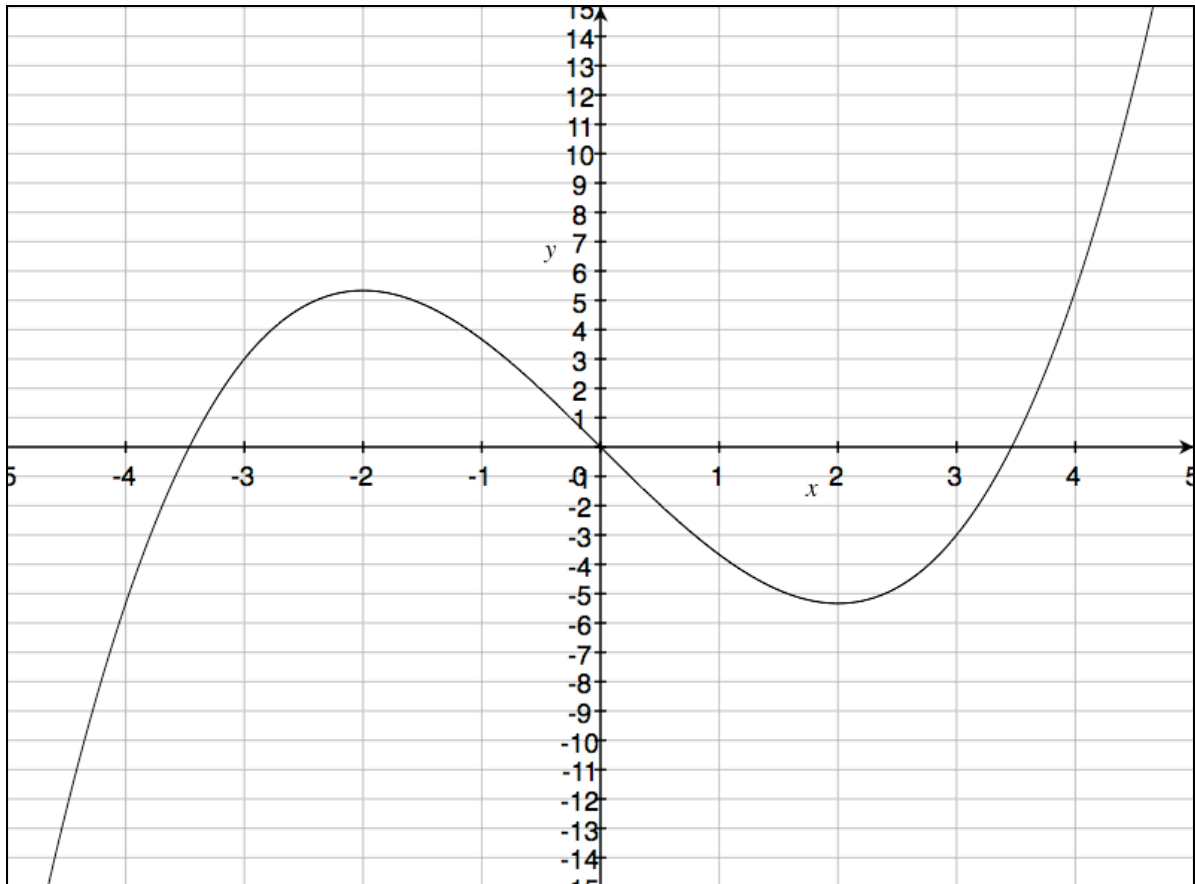


AP Calc – Exit Slip – 10/28/10

Name: _____

Period: _____

1) State the sign (positive or negative) of f , f' and f'' and each point.



	f	f'	f''
A			
B			
C			
D			