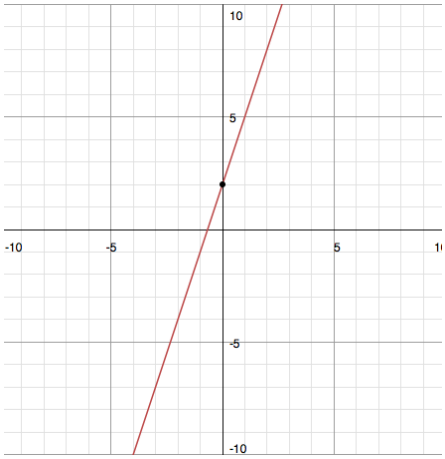
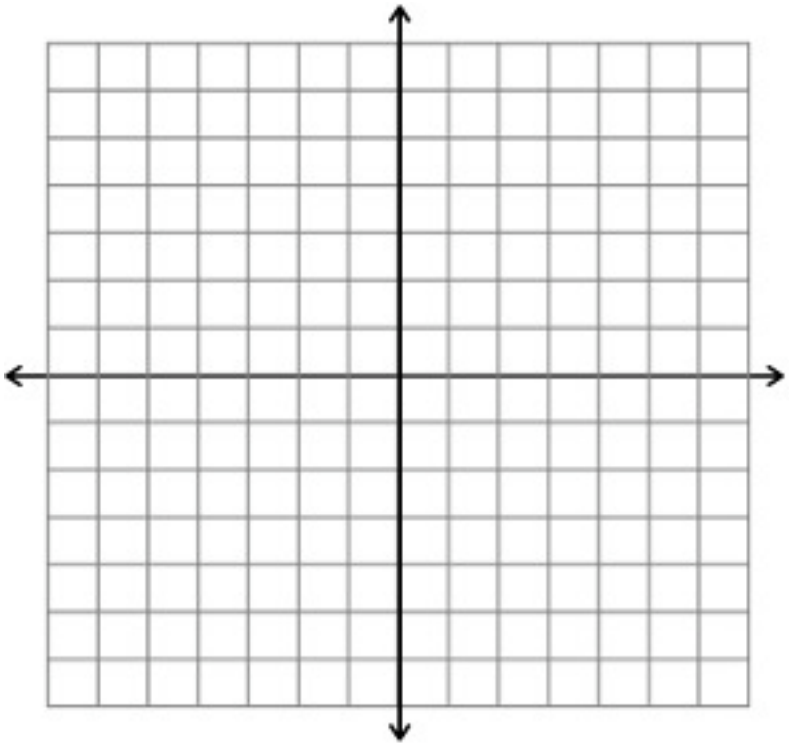
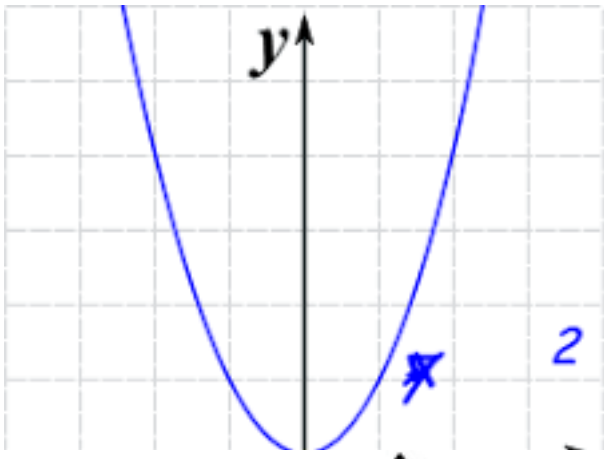


$f(x) = 3x + 2$

graph of $f'(x)$ = derivative = slope of tangent line

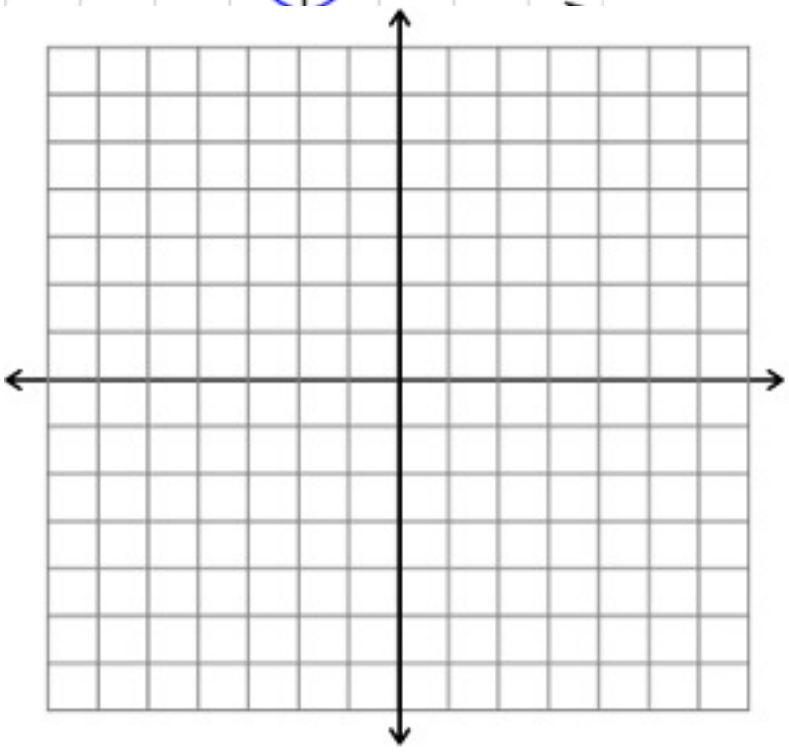


x	Slope of tangent line to f(x)
0	
1	
-1	
2	



$f(x) = x^2$

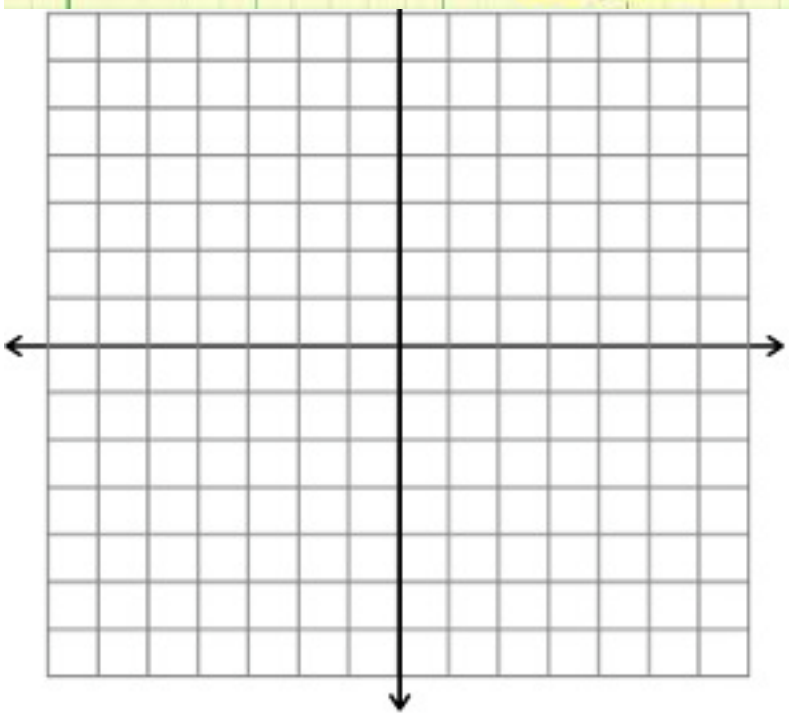
graph of f'(x) = derivative = slope of tangent line



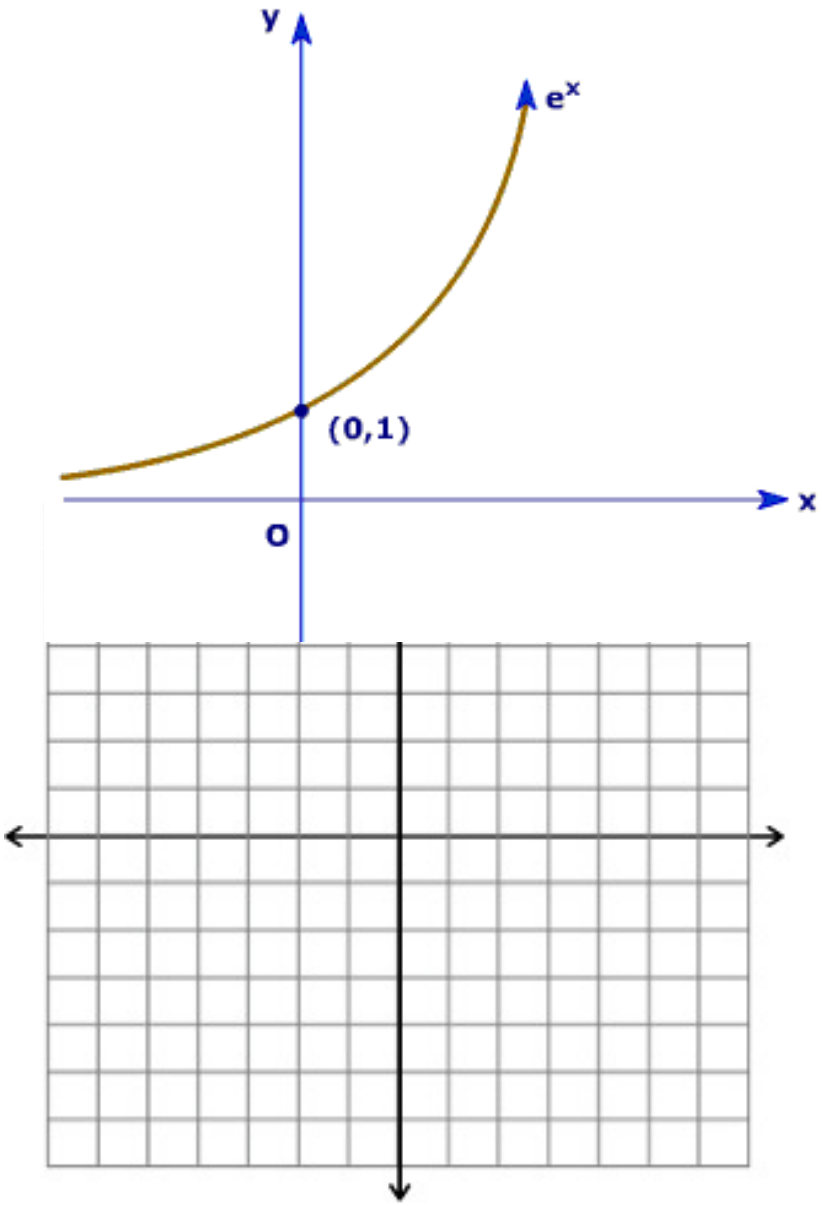
x	Slope of tangent line to f(x)
0	
1	
-1	
2	

$f(x) = \sin x$

graph of $f'(x)$ = derivative = slope of tangent line



x	Slope of tangent line to f(x)
0	
π/2	
π	
3π/2	
2π	



F(x) = e^x
graph of f'(x) = derivative = slope of tangent line

x	Slope of tangent line to f(x)
0	
1	
-1	
2	