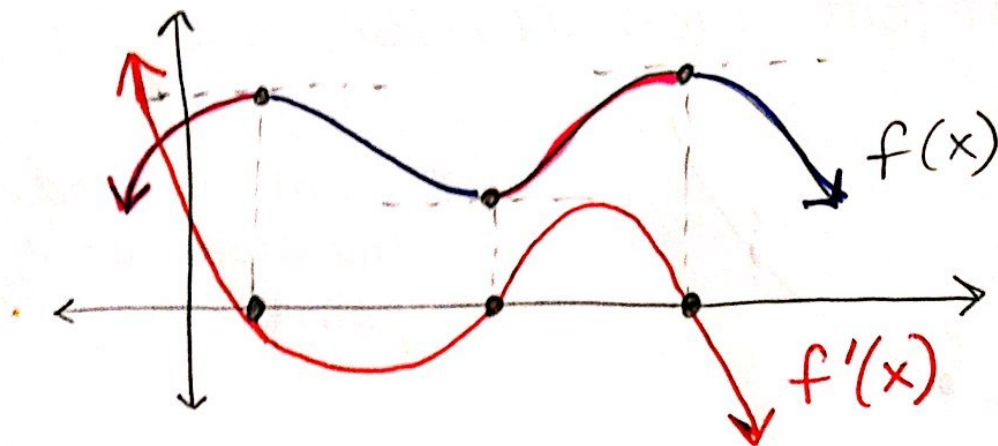
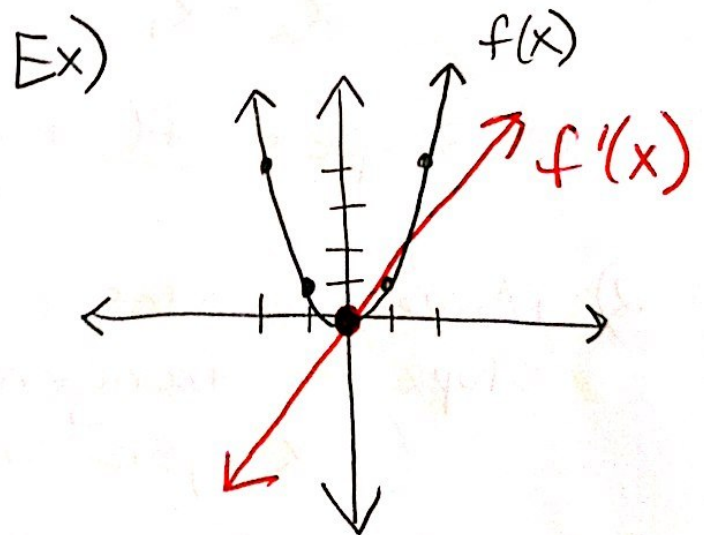
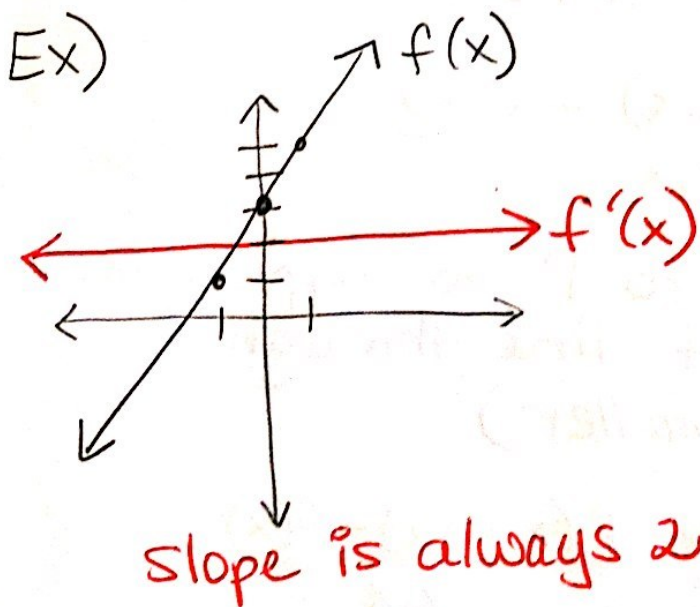


② Derivative Sketching :



$f(x)$
 slope = 0
 slope is increasing (pos)
 slope is decreasing (neg)

$f'(x)$
 x-int
 pos y-values
 neg y-values



* If differentiable, then ^{always} continuous

* If continuous, sometimes differentiable