



April 9

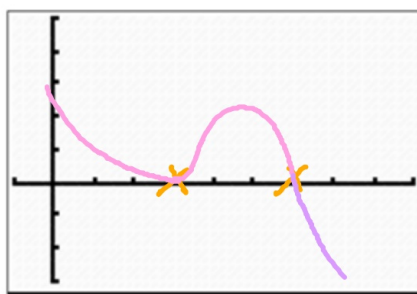
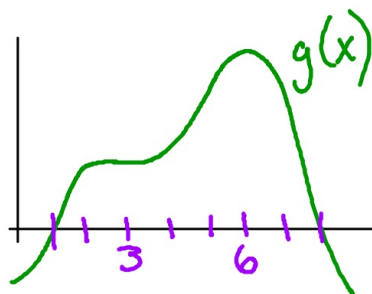
If the derivative is positive, what does that tell you about the function? What if the derivative is negative?



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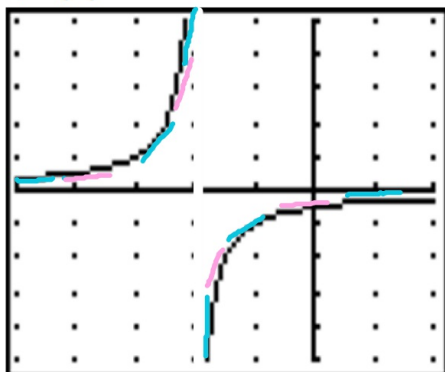
Students will verbally explain how to sketch the graphs of functions and derivatives

(using the words:  
increasing, decreasing, positive, negative...)

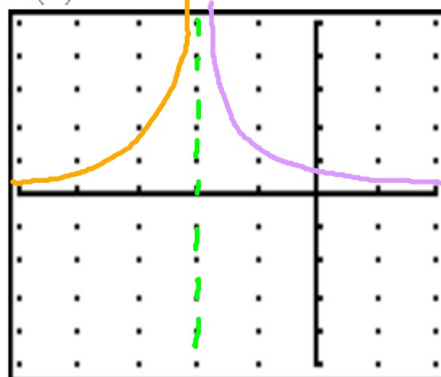


Critical Points	
Sign of Derivative	$+$ $3$ $+$ $6$ $-$
Behavior of Function	inc   inc   dec

4)  $k(x)$

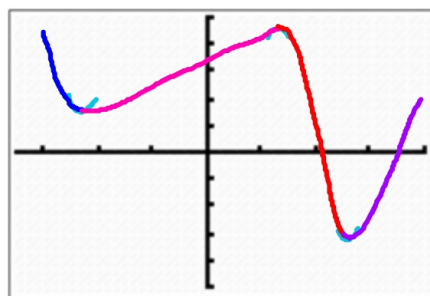
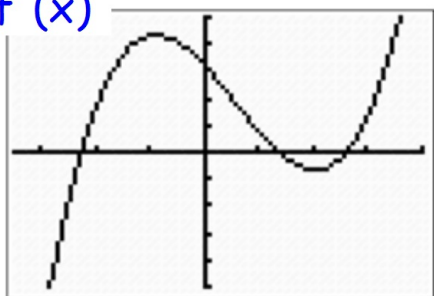


$k'(x)$



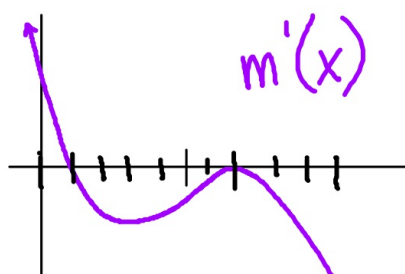
Critical Points	$-2$
Sign of Derivative	$+$ $-2$ $-$ $+$
Behavior of Function	inc   inc

$f'(x)$

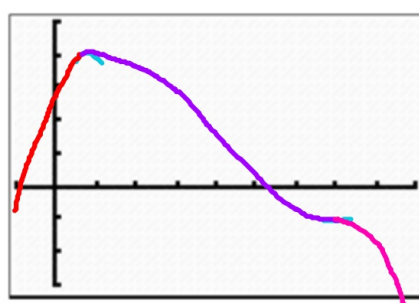


$f(x)$

Critical Points	-2.3	1.4	2.8	
Sign of Derivative	-	+	-	+
Behavior of Function	dec	inc	dec	inc



$m'(x)$



$m(x)$

Critical Points			3	7	
Sign of Derivative	+	-	-		
Behavior of Function	inc	dec	dec		

