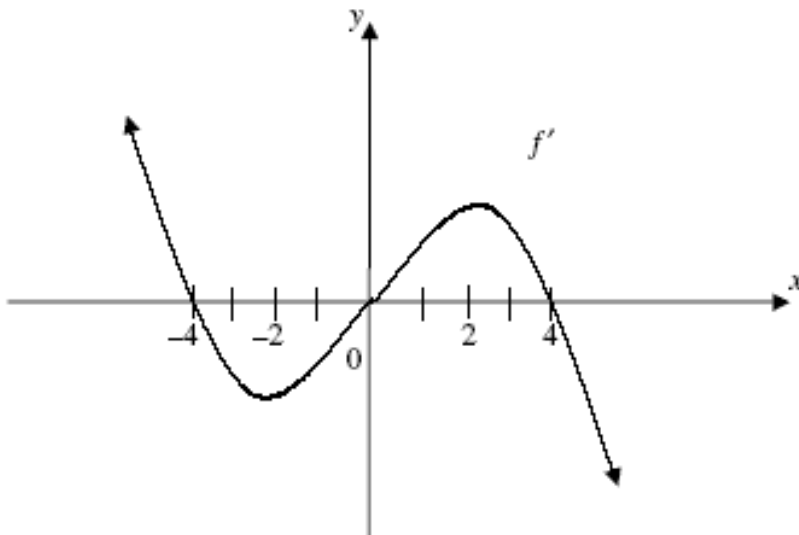
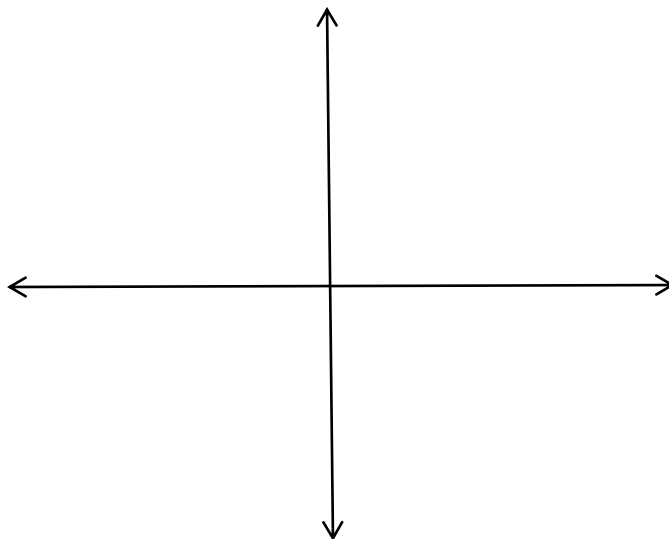


A) Given the graph of  $f'(x)$ , list intervals of inc/dec for  $f(x)$  and identify any  $x$ -values for relative min/max/plateaus.



Secondly, draw a sketch for  $f(x)$ . Hint: there are many answers!



B) A function  $f$  is continuous on the interval  $[-4, 3]$  with  $f(-4)=6$  and  $f(3)=2$  and the following properties:

INTERVALS	$(-4, -2)$	$x = -2$	$(-2, 1)$	$x = 1$	$(1, 3)$
$f'$	-	0	-	undefined	+

List intervals of inc/dec for  $f(x)$  and identify any  $x$ -values for relative min/max/plateaus. Secondly, draw a sketch for  $f(x)$ .

Hint: there are many answers!

