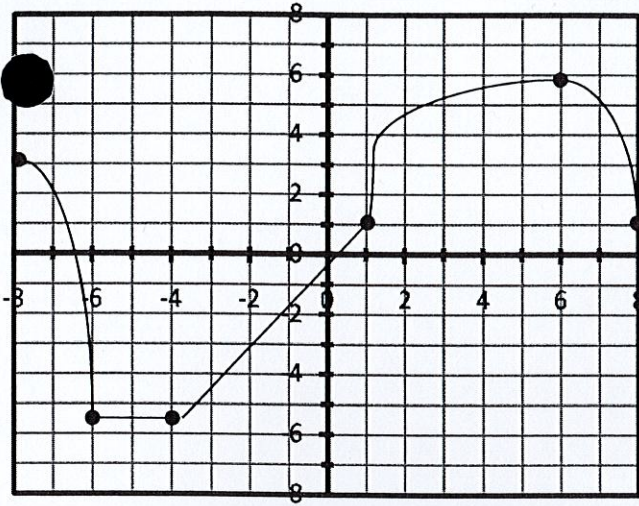


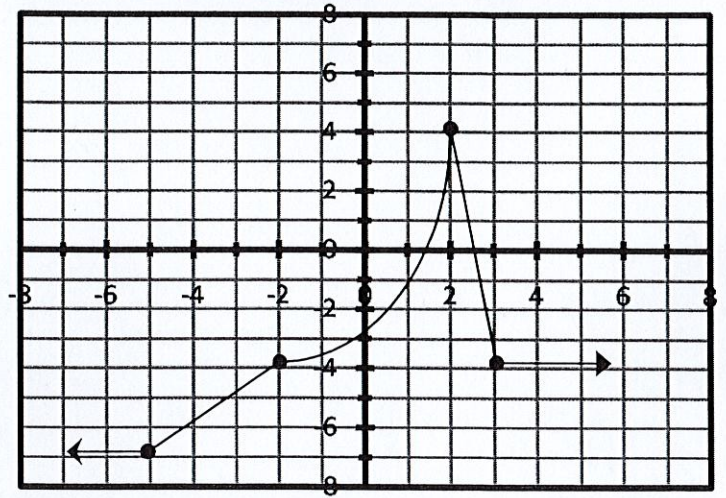
Name _____

FUNCTION INTERVALS #1

PART A: For each function below, place an x in the box that applies to each interval. (8 points)

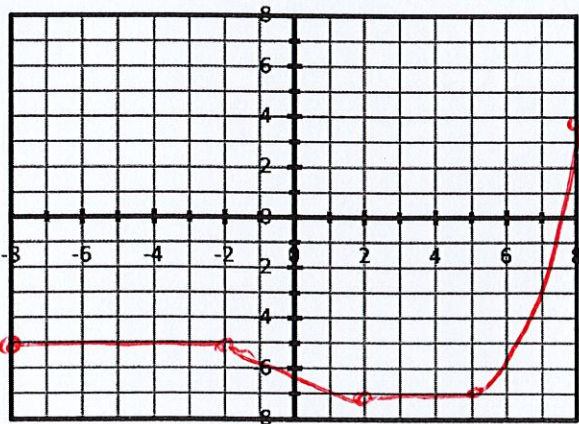


Interval	Increasing	Decreasing	Neither
$-8 < x < -6$		X	
$-6 < x < -4$			X
$-4 < x < 1$	X		
$1 < x < 6$	X		

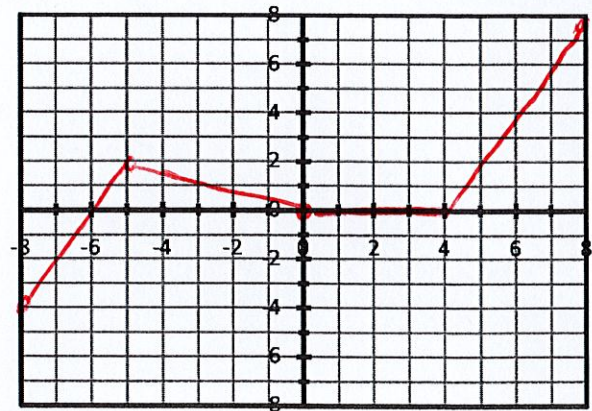


Interval	Increasing	Decreasing	Neither
$-7 < x < -5$			X
$-5 < x < -2$	X		
$-2 < x < 2$	X		
$3 < x < 4$			X

PART B: For each problem below, sketch a graph that matches the given intervals. (12 points—Answer vary)



Interval	Increasing	Decreasing	Neither
$-8 < x < -2$			x
$-2 < x < 2$		x	
$2 < x < 5$			x
$5 < x < 8$	x		



Interval	Increasing	Decreasing	Neither
$-8 < x < -5$	x		
$-5 < x < 0$		x	
$0 < x < 4$			x
$4 < x < 8$	x		