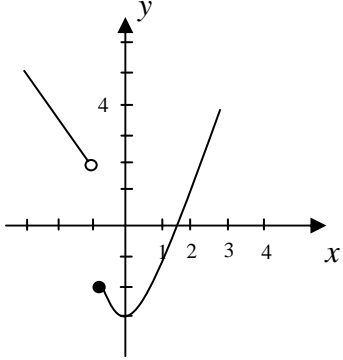


Exam 3

Question #	Green Form Spring 2006	Answer
1	C	$[-4, -3] \cup [0, 2]$
2	B	$(-2, 1)$
3	D	$y = \frac{20}{3}$
4	A	-7
5	E	$2x - 5$
6	A	
7	B	$(-1, 10)$
8	D	Reflect the graph of $y = f(x)$ through the x -axis first, then shift up 5.
9	E	$(-\infty, -3) \cup (1, 5)$
10	C	$f(x) = 2(x - 4)^2 - 7$
11	B	$2x + h - 2$
12	A	$x = -3, x = 2$
13	D	$V(x) = 2x \left(\frac{92 - 4x}{x + 4} \right)$
14	C	$y = -\frac{4}{9}(x - 3)^2 + 4$
15	B	$\begin{cases} x + y = 57 \\ 9x + 16y = 751 \end{cases}$