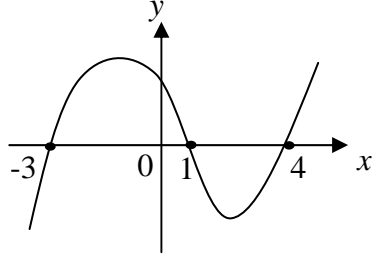
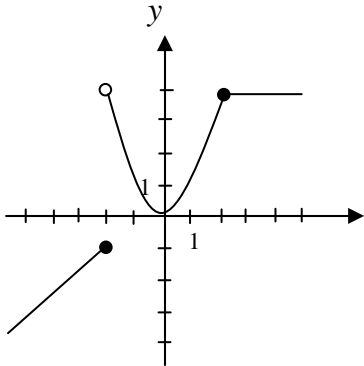


### Exam 3

Question #	Green Form Spring 2010	Answer
1	D	-6
2	A	$2x - 6$
3	C	11
4	A	$k = \frac{3}{2}$
5	E	
6	B	$x = 2, x = 4$
7	C	All $(m, n)$ are solutions such that $2m + n = 5$
8	D	$y = -\frac{1}{2}(x+3)^2 + 2$
9	C	$(-\infty, -1) \cup (2, 5) \cup (5, \infty)$
10	D	$y = -f(x-6) - 2$
11	E	$y = 2(x-3)^2 - 13$
12	B	
13	C	113 hours
14	A	196 feet
15	E	$\begin{cases} x + y = 65 \\ 1.25x + 2.00y = 80.00 \end{cases}$