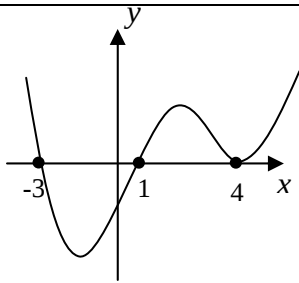
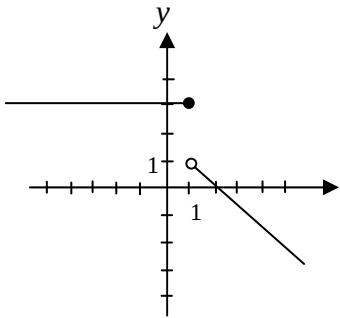


Exam 3

Question #	Green Form Fall 2007	Answer
1	D	$\frac{5}{18}$
2	A	$\frac{11x-19}{2x-5}$
3	C	II and III only
4	E	
5	B	$f(x) = 3(x+2)^2 + 5$
6	A	13; minimum value
7	B	5
8	D	$y = -f(x-4) + 3$
9	D	Vertically stretch the graph by 5 and horizontally compress by 1/3
10	A	$(-\infty, -2) \cup (5, \infty)$
11	C	$x = -\frac{2}{5}, x = 1$
12	D	
13	C	204 people
14	A	$y = -\frac{5}{36}(x-6)^2 + 5$
15	E	$\begin{cases} 2.5(x+y) = 1800 \\ 3(x-y) = 1800 \end{cases}$