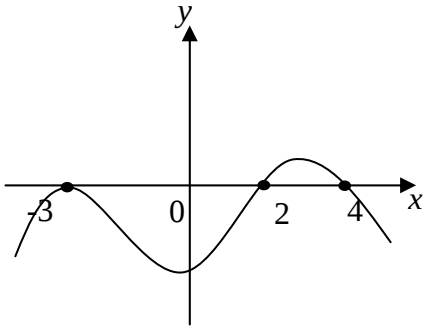


Exam 3

Question #	Orange Form Fall 2009	Answer
1	B	$\frac{1}{2}$
2	A	$\frac{4x+11}{x-2}$
3	B	
4	A	$y = \frac{72}{5}$
5	D	$x = -\frac{3}{2}, \quad x = 2$
6	C	$2a + h - 1$
7	A	$[-4, -1] \cup [2, 5]$
8	E	$D = [-6, 3]; \quad R = [-9, 6]$
9	C	$[-1, 2) \cup (4, \infty)$
10	B	$y = -f(x) + 3$
11	E	$y = -\frac{7}{16}(x+1)^2 + 7$
12	D	6; Minimum
13	A	$\begin{cases} x + y = 0.75 \\ 3.00x + 2.50y = 2.10 \end{cases}$
14	E	$L(x) = \sqrt{x^2 - 12x + 7261}$
15	B	$C(x) = \begin{cases} 40x & \text{if } 0 < x \leq 10 \\ 35x + 50 & \text{if } x > 10 \end{cases}$