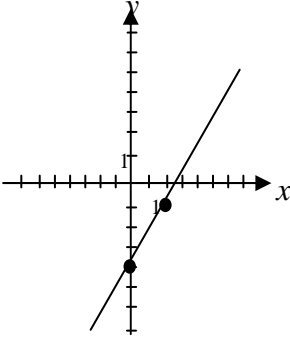


## Exam 2

Question #	Orange Form Spring 2008	Answer
1	E	None of the above. $\left(-\frac{3}{2}, 3\right)$
2	C	$f(2) = 3$
3	B	$[-1, 2] \cup [4, \infty)$
4	A	$12 - 5i$
5	D	$x = -3 \pm 4\sqrt{2}i$
6	C	$(-\infty, -3] \cup \left[\frac{3}{2}, \infty\right)$
7	C	There is one solution. It is positive. (12 is extraneous)
8	E	
9	D	$\frac{5}{7}$
10	A	$(x - 2)^2 + (y + 3)^2 = 17$
11	B	$[-3, 2) \cup (2, \infty)$
12	E	$(6, -12)$
13	C	10 feet
14	D	$A = -120t + 1800$
15	A	$d(x) = \sqrt{9x^2 + 2500}$