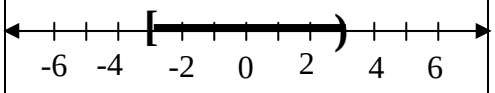
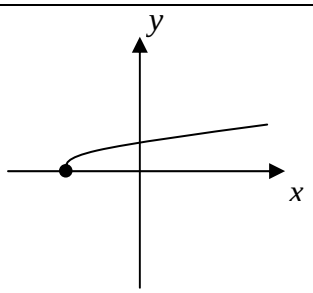
Exam 2

Question #	Orange Form Fall 2005	Answer
1	B	$\sqrt{65}$
2	C	
3	D	$x = \pm 2\sqrt{2}$
4	A	There are two solutions. They are both positive.
5	C	$-\frac{5}{17} + \frac{14}{17}i$
6	E	
7	A	$(x-3)^2 + (y+2)^2 = 10$
8	D	$3x - 5y = 21$
9	E	$x = -\frac{2}{3} \pm \frac{\sqrt{11}}{3}i$
10	B	$\frac{1}{39}$
11	C	$\left[-\frac{1}{3}, 5\right) \cup (5, \infty)$
12	A	$x = -\sqrt{4 - y^2}$
13	C	$V = 5t + 65$
14	D	1 and 4 seconds.
15	B	$6x + \frac{9}{2}\pi = 60$