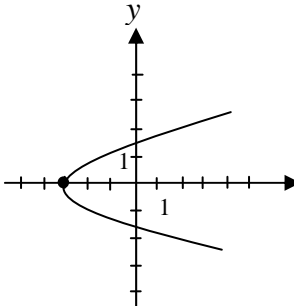


## Exam 2

Question #	Orange Form Spring 2009	Answer
1	C	$10 \text{ units}^2$
2	B	$\left[\frac{8}{3}, 6\right]$
3	A	$9 + 12i$
4	E	
5	B	I and II only.
6	D	$x = 6 \pm 2\sqrt{7}$
7	C	I and III only.
8	E	$x - 4y = 16$
9	B	$x = \pm 3, x = \pm i\sqrt{5}$
10	E	There is one solution. It is positive.
11	C	Left half
12	B	Center: $(3, -4)$ ; radius = $\sqrt{29}$
13	D	For more than \$200,000 in yearly sales.
14	C	$N = 4t + 42$
15	A	$x^2 - 12x - 9 = 0$