

Exam 2B

Question #	Orange Form Spring 2012	Answer
1	C	10 units^2
2	B	$\left[\frac{8}{3}, 6\right]$
3	A	$9 + 12i$
4	E	Parabola opening to the right
5	A	III 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	D	Right 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	$x^2 - 12x + 8 = 0$