

Exam 2A

Question #	Green Form Spring 2012	Answer
1	B	10 units^2
2	D	$\left[\frac{8}{3}, 6\right]$
3	C	$9 + 12i$
4	D	Parabola opening to the right
5	C	I and II only
6	E	$x = 6 \pm 2\sqrt{7}$
7	B	I and III only
8	A	$x - 4y = 16$
9	E	$x = \pm 3, x = \pm i\sqrt{5}$
10	D	There is one solution. It is positive
11	A	Center: $(3, -4)$; radius = $\sqrt{29}$
12	D	Left half
13	E	For more than \$200,000 in yearly sales
14	A	$N = 4t + 42$
15	B	$x^2 - 12x + 8 = 0$