

## Exam 2A

Question #	Green Form Fall 2011	Answer
1	A	$12 \text{ units}^2$
2	E	$-\frac{4}{25} + \frac{3}{25}i$
3	D	$50.0 < F < 95.0$
4	C	<i>III only</i>
5	D	$\left(-21, \frac{21}{2}\right)$
6	E	Line with intercepts (0, -2) and (4, 0)
7	C	$x = \sqrt{5}, -\sqrt{5}, \frac{1}{2}i, -\frac{1}{2}i$
8	D	There is one solution. It is positive
9	B	$\left(-\infty, \frac{1}{3}\right] \cup [5, \infty)$
10	E	$x + 4y = 26$
11	B	Circle centered at $C(8, -2)$ with $r = 3$
12	A	$x - 2y = -3$
13	D	There is one solution and it is between 0 and 2
14	A	3:10 <i>p. m.</i>
15	C	$N = -750p + 7500$