

## Exam 2B

Question #	Orange Form Fall 2011	Answer
1	E	None of the above
2	B	$\frac{4}{25} + \frac{3}{25}i$
3	A	$59.0 < F < 122.0$
4	A	<i>I only</i>
5	A	$\left(-\infty, \frac{1}{3}\right] \cup [5, \infty)$
6	B	Circle centered at $C(8, -2)$ with $r = 3$
7	A	$x = \sqrt{3}, -\sqrt{3}, \frac{1}{2}i, -\frac{1}{2}i$
8	B	There is one solution. It is positive.
9	B	$\left(-21, \frac{21}{2}\right)$
10	D	$x + 4y = 26$
11	E	Line with intercepts $(0, -2)$ and $(4, 0)$
12	E	$x - 2y = -3$
13	A	There is one solution and it is between 0 and 2
14	C	12: 10 <i>p. m.</i>
15	A	$N = -750p + 7500$