

Exam 2B

Question #	Form B Fall 2012	Answer
1	A	$\left(-\frac{5}{2}, 5\right)$
2	E	None of the above
3	D	$9x + 3y = 7$
4	A	$23 + 14i$
5	D	$\left(\frac{1}{2}, 2\right)$
6	A	$[-1, 1) \cup (1, \infty)$
7	D	$\frac{a - h + 1}{3a - 3h}$
8	A	See graph on exam
9	D	There is one solution. It is negative.
10	A	$(-4, 3); r = \sqrt{14}$
11	D	$x = \frac{1}{3} \pm \frac{\sqrt{14}}{3}i$
12	D	$D = [1, 11]; R = [4, 8]$
13	D	9 feet
14	B	2 and 3 seconds
15	C	$N = -\frac{1}{5}R + 166$