Exam 2

Question #	Orange Form	Answer
	Fall 2005	
1	В	$\sqrt{65}$
2	С	
		-6 -4 -2 0 2 4 6
3	D	$x = \pm 2\sqrt{2}$
4	A	There are two solutions. They are
		both positive.
5	C	5 14;
		$-\frac{5}{17} + \frac{14}{17}i$
6	Е	y
		Ţ
		x
7	A	$(x-3)^2 + (y+2)^2 = 10$
8	D	$(x-3)^2 + (y+2)^2 = 10$ $3x - 5y = 21$
9	E	3x - 3y = 21
9	E	$x = -\frac{2}{2} \pm \frac{\sqrt{11}}{i}i$
		$x = -\frac{2}{3} \pm \frac{\sqrt{11}}{3}i$
10	В	
		39
11	C	$\begin{bmatrix} 1 \\ 5 \end{bmatrix} \cup (5 \\ \infty)$
		$\left[-\frac{1}{3},5\right)\cup\left(5,\infty\right)$
12	A	$x = -\sqrt{4 - y^2}$
13	С	V = 5t + 65
14	D	1 and 4 seconds.
15	В	
		$6x + \frac{9}{2}\pi = 60$
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