Exam 2A

Question #	Form A Fall 2012	Answer
1	C	$2\sqrt{13}$
2	D	$[-4, -3] \cup [0, 3]$
3	C	II and III only
4	B	$\left(\dfrac{29}{5}, \infty\right)$
5	A	$(-\infty, 1] \cup [4, \infty)$
6	A	I only
7	C	There is one solution. It is positive.
8	D	$\dfrac{3}{5} - \dfrac{11}{5}i$
9	E	$x = -3 \pm 2\sqrt{3}i$
10	A	$x - 2y = -2$
11	C	$(x - 5)^2 + (y + 1)^2 = 5$
12	D	$2a + h - 1$
13	B	72 minutes
14	A	$W(t) = \dfrac{15}{4}t + 75$
15	E	$3x^2 - 40x + 64 = 0$