

Exam 2

Question #	Orange Form Fall 2010	Answer
1	C	$18, \infty$
2	A	I only
3	E	$\frac{34}{53} + \frac{40}{53}i$
4	A	12 units^2
5	D	$y = -\sqrt{4-x^2}$
6	C	$4x - y = -15$
7	D	$g = \frac{8T^2}{\pi^2}$
8	A	There is one solution It is positive
9	E	$y = \frac{3}{5}x - 3$
10	B	$\sqrt{(x+1)^2 + (y-6)^2} = \sqrt{20}$
11	B	$x = 0, x = 8 \pm 2i$
12	D	$x - 4^2 + y + 3^2 = 9$
13	E	$2x^2 - 18x + 15 = 0$
14	B	$t = 1, t = 4 \text{ seconds}$
15	D	$H = 5n + 73$