Exam 2

Question #	Green Form Fall 2010	Answer
1	E	$(-\infty, 17]$
2	A	I only
3	B	$\dfrac{22}{29} + \dfrac{32}{29} i$
4	C	12 units^2
5	C	$x = -\sqrt{4 - y^2}$
6	E	$4x - y = -15$
7	C	$g = \dfrac{8T^2}{\pi^2}$
8	B	There is one solution It is positive
9	A	$y = \dfrac{5}{3} x - 5$
10	D	$\sqrt{(x+2)^2 + (y-5)^2} = \sqrt{20}$
11	D	$x = 0, \, x = 8 \pm 2i$
12	D	$(x-4)^2 + (y+3)^2 = 16$
13	D	$2x^2 - 18x + 15 = 0$
14	B	$t = 2, t = 5 \text{ seconds}$
15	C	$H = 4n + 74$