

Exam 2

Question #	Green Form Fall 2009	Answer
1	E	None of the above (13,10)
2	B	$\left[-6, \frac{9}{2}\right]$
3	D	$\frac{2}{17} + \frac{9}{17}i$
4	E	$x = 4 - y^2$
5	A	$x = -9 \pm 3\sqrt{2}$
6	C	$(-\infty, -1] \cup \left[\frac{17}{3}, \infty\right)$
7	D	$2x + 3y = -12$
8	A	I only
9	B	$(x+5)^2 + (y-3)^2 = 10$
10	E	$x = -\frac{3}{4} \pm \frac{\sqrt{31}}{4}i$
11	A	$x = \pm\sqrt{2}, \quad x = \pm 3i$
12	B	$5a^2 - 12a - 9 = 0$
13	C	5 seconds
14	B	$4\sqrt{2}$ inches
15	A	$H = 7t + 9$