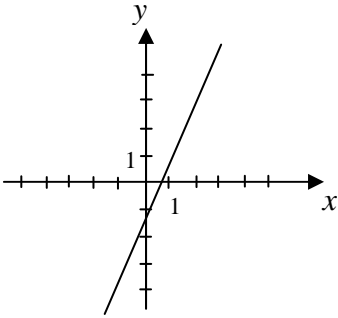


Exam 2

Question #	Orange Form Fall 2008	Answer
1	B	$\left(\frac{14}{3}, \infty\right)$
2	D	$ x \geq 2$
3	E	$\frac{1}{1-3a}$
4	C	
5	A	$m = -\frac{1}{2}$
6	D	$-12 - 11i$
7	B	<p>There is one solution.</p> <p>It is positive.</p>
8	C	$x = \frac{2}{3} \pm \frac{\sqrt{5}}{3}i$
9	A	$(x+1)^2 + (y-4)^2 = 8$
10	D	$y = \sqrt{9-x^2}$
11	B	$[0, 3]$
12	C	$(-2, -4)$
13	D	$E = \frac{27}{100}t + 55.3$
14	E	$x^2 + 20x - 156 = 0$
15	C	$d(t) = \sqrt{9t^2 - 625}$