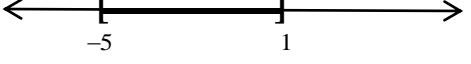


**MA 15200 Exam 2 Answers, Fall 2011**

<b>Problem</b>	<b>Form A</b>	<b>Form B</b>	<b>Answer</b>
1)	E	B	{3}
2)	E	E	None of the above. ( $9 \frac{1}{2}$ hr.)
3)	A	D	$0.2x + 0.6(2 - x) = 0.35(2)$
4)	A	C	$4 + 12i$
5)	D	A	$-43 + 46i$
6)	B	A	It is at least 1, but less than $\frac{3}{2}$ . ( $x = 1$ )
7)	A	D	$x^2 + 13x - 30 = 0$
8)	E	B	3 hours
9)	D	E	There is one positive solution. ( $x = 3$ )
10)	A	A	
11)	D	C	(2, 2)
12)	D	B	$f(x-1) = \frac{2x}{x-2}$
13)	D	A	$f(1) = 1, f(4) = 2$
14)	C	E	$a = -2 + 2i, -2 - 2i$
15)	A	D	$x = 24$