

## MA 11100 Exam 1 Answers, Fall 2009

	FORM A	FORM B	Answer
1)	A	D	$\frac{1}{2}(2+x)$
2)	B	D	$\{x \mid x \text{ is a whole number less than } 7\}$
3)	B	E	8
4)	E	B	$x = \frac{1}{6}$
5)	B	C	It is between 12 and 20. (13)
6)	A	C	$x + 0.75x + 8.25 = 150$
7)	E	A	$m = \frac{Fr}{v^2}$
8)	B	D	9.5 feet
9)	A	C	$\frac{27x^{21}}{8k^3}$
10)	B	A	$\$1.6 \times 10^{12}$
11)	C	B	III
12)	E	E	$3x - 2y = -12$
13)	A	D	$[-3, 6]$
14)	B	C	$18k^2 + 9k$
15)	E	B	The point represented by $(-2, 0)$ would be on the $x$ -axis.