

MA 11100, Exam 1 Answers, Spring 2011

<u>Problem</u>	<u>Form A</u>	<u>Form B</u>	<u>Actual Answer</u>
1)	D	C	47
2)	C	A	Every rational number is an integer.
3)	B	A	$-\frac{109}{60}$
4)	A	D	II and III only
5)	E	B	$x = -\frac{96}{5}$
6)	C	B	105°
7)	B	E	$x + 0.35x + 2.50 = 19.35$
8)	D	D	$a = \frac{12}{3b+8}$
9)	B	D	$-15m^8t^5$
10)	A	C	$\frac{-2x^8}{y}$
11)	B	E	0.54 m^2
12)	E	A	$P(-4, -1), Q(4, -5)$
13)	A	B	$f(2r - 1) = 6r - 5$
14)	B	D	Domain: $-2 \leq x \leq 3, f(3) = -1$
15)	D	E	He was caught between 13 and 17 times. (15 times)