

MA 11100 Exam 3 Answers, Fall 2009

<u>Problem</u>	<u>Form A</u>
1.	D I and III only
2.	B $2x + a$
3.	E $4x^2 + 2x + 1$
4.	B $3x^2(3x + 2)(3x - 2)$
5.	C $g^2 - 10gh + 25h^2$
6.	D One solution is zero, the other is negative. (-2)
7.	C $x^2 - 19x + 42 = 0$
8.	A $\frac{x - 4}{x}$
9.	E $\frac{5x + 2}{x(x + 1)}$
10.	A $n(n + 2)(n - 2)^2$
11.	C The solution is at least -4 , but less than 0 . ($x = -4$)
12.	C 6 hours
13.	B $\frac{3}{x - 1} = \frac{5}{x + 1}$
14.	D $y = \frac{16}{3}$
15.	B $\sqrt{0.0049} = 0.7$