

MA 220 Exam 2 Answers, Spring 2012

Problem	Form A	Form B	Actual Answer
1)	A	C	5
2)	A	B	$x = -5, 0, 2, 3, \text{ and } 6$ only (Problem 2 will be a 'free' problem, however. All answers will be counted.)
3)	B	E	$15x^2$
4)	B	D	$m = 48$
5)	A	A	-5
6)	B	E	$y = -3x + 6$
7)	B	D	\$13.80
8)	D	E	$12t^3 - 9t^2 - 26t + 9$
9)	E	A	$y = -\frac{7}{4}x - \frac{13}{4}$
10)	B	C	$g'(x) = 3x^5 - \frac{1}{\sqrt{x}} - \frac{3}{x^2}$
11)	A	D	$\frac{3x^2 + 2}{\sqrt{2x^3 + 4x}}$
12)	B	A	approximately 15.5 bacteria/hour
13)	D	B	$-\frac{9}{8}$
14)	B	D	$x = -4, x = 3$