MA 15910   Exam 2 Answers, Fall 2014

Problem	Form 01	Form 02	Actual Answer
1)	A.	C.	
2)	B.	A.	$\dfrac{1}{8}$
3)	D.	E.	1
4)	B.	A.	$-\dfrac{7}{9}$
5)	D.	C.	-5
6)	B.	E.	$y = \dfrac{7}{2}x - \dfrac{1}{2}$
7)	C.	B.	$f'(x) = 10x + \dfrac{4}{x^{2/3}} + \dfrac{12}{x^5}$
8)	D.	C.	Profit: $0.44 / \text{hamburger}$
9)	B.	E.	$(-2, 4)$
10)	D.	B.	-48 ft./sec.
11)	A.	D.	$y' = 24x^3 - 30x^2 - 6x + 8$
12)	D.	C.	$-\dfrac{14}{25}$
13)	B.	E.	$m = 60$
14)	C.	E.	11
15)	E.	D.	The new employee is assembling 1.4 additional bicycles per day after 5 days of training.