

# MA 15400, Fall 2013

## Exam 1 Answers

Question	Answer	Green Form A	Orange Form B
1.	$-300^\circ$	B	B
2.	$200.5192^\circ$	A	A
3.	$35.9 \text{ cm}^2$	C	C
4.	$\left(\frac{-7}{25}, \frac{-24}{25}\right)$	B	B
5.	$9.55^\circ$	D	D
6.	1.3456	E	E
7.	$\cos \theta = \frac{\sqrt{c^2 - b^2}}{c}$	C	C
8.	$x = 7\sqrt{3}$	A	A
9.	$-\sqrt{65}$	D	D
10.	$\sec^2 \theta$	B	B
11.	$-\infty$	C	C
12.	$55^\circ$	B	B
13.	117 feet	D	D
14.	$78.9^\circ, 281.1^\circ$	C	C
15.	3.76, 5.67	A	A