

MA 15400, Spring 2011

Exam 1 Answers

Question	Answer	Green, Form A	Orange, Form B
1.	$\frac{5\pi}{6}, \frac{17\pi}{6}$	A	A
2.	$72^{\circ}55'48''$	B	B
3.	22.1cm^2	D	D
4.	7.6°	D	D
5.	256 feet	A	A
6.	-2.6051	D	D
7.	$\csc^2 \theta$	C	C
8.	$\frac{-4}{\sqrt{65}}$	B	B
9.	$-\tan x$	A	A
10.	$\left(\frac{-24}{25}, \frac{7}{25}\right)$	C	C
11.	$-\infty$	B	B
12.	$\frac{-2}{\sqrt{3}}$	D	D
13.	$0.82, 5.46$	D	D
14.	$\text{Period} = 8\pi, \text{Phase Shift} = 3\pi$	B	B
15.		C	C