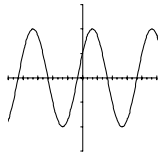


MA 154, Fall 2008
Exam 1 Answers

Question	Answer	Form A Green	Form B Orange
1.	$77^\circ 54' 43''$	B	B
2.	11.05 cm	D	D
3.	7.6°	A	A
4.	$\tan \theta = \frac{\sqrt{c^2 - a^2}}{a}$	C	C
5.	$5\sqrt{3}$	A	A
6.	9.8 feet	D	D
7.	1.2171	B	B
8.	$\sec \theta - \cos \theta$	C	C
9.	<i>QII</i>	B	B
10.	$\left(\frac{-15}{17}, \frac{-8}{17}\right)$	A	A
11.	$-\infty$	C	C
12.	1.53	D	D
13.	2.03, 5.17	B	B
14.		C	C
15.	$y = 6 \sin(4x + \pi)$	D	D