

MA 154, Fall 2006

Exam 1 Answers

Question	Answer	Form A, Green	Form B, Orange
1.	-60°	E	A
2.	11.1°	D	B
3.	$\frac{13\sqrt{3}}{2}$	E	E
4.	62.5 meters	B	E
5.	1.5107	E	E
6.	$\cos x$	E	C
7.	$\frac{5}{6}$	D	A
8.	Quadrant IV	C	B
9.	$\left(\frac{8}{17}, \frac{-15}{17}\right)$	A	B
10.	$-\tan(x)$	D	E
11.	∞	D	A
12.	0.1593	B	C
13.	1.87, 5.01	C	D
14.	Period: 6, Phase Shift: $\frac{6}{5}$	C	B
15.	$y = 5 \sin\left(4x + \frac{\pi}{2}\right)$	A	C