

MA 154, Spring 2005
Exam 1 Answers

Question	Answer	Green Form A	Orange Form B
1.	145°	E	B
2.	$24.74 \text{ in}^2/\$$	A and E	C and E
3.	1.30, 4.98	A	C
4.	$125^\circ 34' 57''$	B	D
5.	16.5 feet	B	A
6.	-24.0288	D	B
7.	$\frac{-4}{\sqrt{41}}$	C	A
8.	$1 + \cot\theta$	B	E
9.	-1	A	C
10.	$\frac{\sqrt{34}}{3}$	E	E
11.	$130.78^\circ, 229.22^\circ$	A	C
12.	$-\infty$	C	A
13.	$-\frac{\pi}{3}, \frac{4\pi}{3}$	E	E
14.	0.7856	C	B
15.	$-\frac{8}{17}$	B	D