

MA 154, Fall 2005

Exam 1 Answers

	Answer	Green, Form A	Orange, Form B
1.	$-\frac{14\pi}{9}$	D	B
2.	83.0692°	E	E
3.	197.0 cm ²	C	A
4.	$\frac{a}{\sqrt{c^2 - a^2}}$	A	D
5.	$x = \frac{7}{2}, y = \frac{7\sqrt{3}}{2}$	D	C
6.	129 ft.	E	A
7.	2.3662	D	B
8.	$\csc \theta - \sin \theta$	C	E
9.	$-\frac{7}{\sqrt{58}}$	B	C
10.	QIII	B	B
11.	$\left(-\frac{50}{149}, -\frac{140}{149}\right)$	A	D
12.	$-\infty$	A	D
13.	Only III and IV are true.	D	A
14.	0.8	B	D
15.	1.83, 4.46	B	C