

# MA 154, Spring 2005

## Exam 3 Answers

Question	Answer	Green Form A	Orange Form B
1.	$\langle -26, -11 \rangle$	E	E
2.	$299.7^\circ$	D	A
3.	$12.5^\circ$	B	D
4.	44.5 cm	D	B
5.	$119.7^\circ$	A	C
6.	$15.2^\circ$	D	B
7.	794.5 yards	B	A
8.	130 miles	C	D
9.	$\left\langle -\frac{24}{5}, \frac{32}{5} \right\rangle$	A	B
10.	$-\frac{14}{5}$	A	B
11.	$f(x) = \frac{x^2 - x - 6}{x^2 + x - 6}$	D	E
12.	$f(x) = \frac{3(x+5)(x-6)(x+4)}{(x-1)(x-2)(x+4)}$	E	A
13.	212.6 mi/h	B	D
14.	1.7580, 4.5252	B	A
15.	-0.2737, 1.0591	A	D