

MA 15400, Fall 2011

Exam 3 Answers

Question	Answer	Form A and B
1.	$-i - 8j$	A
2.	22.2 cm	D
3.	$\frac{\sqrt{x^2 - 9}}{3}$	B
4.	118.3°	C
5.	131.8°	D
6.	228 miles	C
7.	100.3°	A
8.	$\langle 36, -15 \rangle$	B
9.	$\ a\ = 10.6, \theta = 311.2^\circ$	C
10.	217°	D
11.	$m = 20$	E None of the above
12.	See Test	D
13.	$f(x) = \frac{-48(x-2)}{(x-4)(x+5)}$	B
14.	Horizontal asymptote $y = 0$ Vertical asymptote $x = -2$	A
15.	$0.9745, 5.3087$	A