

MA 15400, Spring 2014

Exam 3 Answers

Question	Answer	Letter
1.	$\frac{-\pi}{3}$	A
2.	$\frac{119}{169}$	D
3.	1.2256, 0.6235	C
4.	497	D
5.	Larger $\beta = 93.1^\circ$	B
6.	$c = 28.3$	E
7.	96.4°	C
8.	$\langle 23, -15 \rangle$	D
9.	$\frac{24}{\sqrt{65}}i - \frac{42}{\sqrt{65}}j$	A
10.	$\ c\ = 9.8$	B
11.	$\theta = 156.0^\circ$	C
12.	$\theta = 15.7^\circ$	B
13.	$G = \langle -3, 5 \rangle$	A
14.	504 mph	D
15.	135°	C
16.	407 yards	C
17.	323 miles	A
18.	$\langle -18, 42 \rangle$	B