

MA 15400, Spring 2011

Exam 3 Answers

Question	Answer	Green, Form A	Orange, Form B
1.	$x = 5, x = -3$	C	D
2.	$(-\infty, -3) \cup (-2, 4) \cup (5, \infty)$	A	B
3.	$-2s = \langle -2, 4 \rangle$	E	E
4.	$-0.5148, -1.0559$	B	A
5.	158.5°	D	C
6.	9.6	C	D
7.	24.8 ft / sec	E	E
8.	23.8	D	C
9.	4	A	B
10.	243 miles	B	A
11.	19°	C	D
12.	$v = \frac{15}{13}i - \frac{36}{13}j$	B	A
13.	$f(x) = \frac{-10(x+5)}{(x-2)(x+4)}$	D	C
14.	$G = \langle 3, -9 \rangle$	A	B
15.	514 mph	C	D