

Exam 3A

Question #	Green Form Spring 2012	Answer
1	A	$-\frac{5}{8}$
2	E	None of the above
3	B	$[-4, -2) \cup (-2, 1)$
4	D	$[4, 5) \cup (5, \infty)$
5	B	$\left(-\frac{1}{2}, 6\right)$
6	C	8
7	C	$f(x) = 2(x - 1)^2 + 3$
8	E	See graph on exam
9	A	17; minimum
10	C	$2a + h$
11	B	$y = -f(x + 3) + 2$
12	D	$[-3, -1) \cup [5, \infty)$
13	D	k is between 7 and 8
14	A	The maximum width of the box is less than 3 feet
15	E	$V(x) = 4x(20 - x)(30 - x)$