

Exam 3B

Question #	Form B Fall 2012	Answer
1	D	-41
2	A	$x = -1, 1$
3	A	I only
4	D	(0, 4)
5	E	See graph on exam
6	C	There is no solution
7	D	$-f(x + 4) + 3$
8	C	(1, 4)
9	B	$(-\infty, -4) \cup [4, 5)$
10	A	See graph on exam
11	B	II only
12	D	$x = 3, x = 7$
13	C	t is between 3 and 4 seconds
14	D	$k = \frac{1}{2}$
15	B	$T(x) = \begin{cases} .05x & \text{if } 0 < x \leq 40,000 \\ .08x - 1,200 & \text{if } x > 40,000 \end{cases}$