

Exam 2B

Question #	Form B	Answer
1	E	$2\sqrt{34}$
2	D	$(-4, 0); (0, 2)$
3	B	I and III only
4	C	$f(5) = 6; R = [-4, 6]$
5	B	$x = -1 \pm \frac{\sqrt{10}}{2}i$
6	E	$2a + h - 2$
7	B	The graph of f is shifted 3 units down and reflected through the x -axis
8	A	I only
9	D	$x - 3y = -14$
10	C	$(x - 3)^2 + (y + 2)^2 = 20$
11	C	There are four solutions. All are real.
12	B	There is one solution. It is positive.
13	B	Between 5 and 6 years.
14	C	$H = -3,600t + 215,000$
15	A	$V(x) = 10(x - 5)(x - 10)$