

Exam 1B

Question #	Orange Form Spring 2012	Answer
1	B	II and IV
2	D	$-\frac{x^{21}}{64y^{18}}$
3	B	$4x^2y^6 \cdot \sqrt{3x}$
4	A	$4x - 3$
5	B	$5x^2 - 7xy^2 + y^4$
6	A	$(3a - b^2)(9a^2 + 3ab^2 + b^4)$
7	E	All real x are solutions except for $x = \pm 2$
8	A	$\frac{a + 3b}{a}$
9	E	x is greater than 4
10	E	$\frac{x - 6\sqrt{x} + 5}{x - 25}$
11	A	$n = \frac{R - Pc}{Pw}$
12	E	$\frac{x + 9}{x + 4}$
13	C	\$15,000
14	C	51 seconds
15	E	$6h + \frac{9}{2}\pi = 50$