

Exam 1

Question #	Green Form Spring 2006	Answer
1	A	$\frac{1}{p} \leq 10$
2	D	$-\frac{x^{21}}{64y^{18}}$
3	E	$4x^2y^6(\sqrt{3x})$
4	C	$5x^2 - 7xy^2 + y^4$
5	B	$4x - 3$
6	E	$(3a - b^2)(9a^2 + 3ab^2 + b^4)$
7	E	All real x are solutions except $x = \pm 2$
8	D	$\frac{a + 3b}{a}$
9	C	$x = \frac{33}{7}$
10	A	$\frac{x - 6\sqrt{x} + 5}{x - 25}$
11	B	$\frac{x + 9}{x + 4}$
12	B	$n = \frac{R - Pc}{Pw}$
13	A	\$15,000
14	D	51 seconds
15	B	$6h + \frac{9}{2}\pi = 50$