

## Exam 1

Question #	Green Form Spring 2007	Answer
1	B	$\frac{xy}{z}$
2	E	$-\frac{x^{11}}{2}$
3	B	$\frac{16z^{12}}{y^6}$
4	A	$5x^4y^6(\sqrt{3})$
5	D	$2a^3b - 4a^9b^6 + 3a^3b^5$
6	E	None of the above $10x^2 + 29x - 21$
7	E	$2y + 3$
8	D	$\frac{3x-1}{(x+2)(x-2)}$
9	C	$\frac{m-8\sqrt{m}+15}{m-9}$
10	A	$x = 3 \pm 2\sqrt{5}$
11	E	All real numbers are solutions except $x = \pm 3$ .
12	A	$n = \frac{p}{W-3}$
13	C	$40x + 8\left(\frac{3}{2}x\right) = 750$
14	A	$\frac{8}{5}$ mph
15	D	$7x + \frac{49}{4}\pi = 110$