

Exam 1

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