Exam 1

Question #	Green Form Spring 2010	Answer
1	E	None are true
2	C	$\dfrac{3x^5 y^7}{2}$
3	A	$\dfrac{y^4}{2x^2}$
4	B	$5x^4 + 5x^3 - 2x^2 - x - 1$
5	D	$\dfrac{t + 4\sqrt{t} + 3}{t - 9}$
6	B	II only
7	E	$4x - 1$
8	D	$\left(a^4 + 9b^2\right)\left(a^2 + 3b\right)\left(a^2 - 3b\right)$
9	A	$\dfrac{3x^2 - 6x - 4}{x(2x+1)}$
10	C	$\dfrac{x - 2}{x(x+1)}$
11	D	There is no solution for x
12	A	$R = \dfrac{P}{XY + X}$
13	B	$27,500
14	D	$\dfrac{5}{12}(4 - x) = \dfrac{3}{10}(4 + x)$
15	C	7.4 feet