Exam 1

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