

Exam 1

Question #	Orange Form Spring 2008	Answer
1	C	$\frac{x}{y} \geq \frac{1}{8}$
2	B	$-\frac{y^5}{3x^2}$
3	E	$5x^6y^4(\sqrt{2y})$
4	D	$\frac{16a^8}{b^6}$
5	C	$4a + 5a^4b - b^8$
6	A	$3x^2 - 16x + 14$
7	B	$5x^4 + y$
8	E	$(y^3 + 2)(y - 2)(y^2 + 2y + 4)$
9	C	$\frac{t - 2\sqrt{t} - 15}{t - 25}$
10	D	$\frac{2x + 1}{x - 1}$
11	A	$w = \frac{Px - 1}{b}$
12	D	There is no solution for x .
13	B	$0.075x + 0.04(25,000 - x) = 1200$
14	C	25 mph
15	E	$6h + \frac{9}{2}\pi = 50$