Math Sheet #2 **Due June 17, 2005**

Name: ..... Date: .....

solve for x	solve for y	solve for c	solve for c
$x^{\frac{a}{b}} = c$ $x = \sqrt[a]{c^b}$	$\frac{x^a}{y^b} = c + d$ $y = \sqrt[b]{x^a / (c+d)}$	$\frac{cb}{ac^2} + c = (c+2)$ $c = \frac{b}{2a}$	$8c - \frac{2cb}{a} = -8c^2 - 2c^3$ $c = \left(\sqrt{\frac{b}{a}}\right) - 2$
solve for b	solve for b	solve for b	solve for x
$b^2 - c = d - 1 + 2b$ $b = \left(\sqrt{d+c}\right) + 1$	$(b+1) = \frac{d}{(b-3)+2}$ $b = \sqrt{d+1}$	$\frac{cb}{ac^2} - c = (c+2)$ $b = 2ac + 2ac^2$	$4(x^2 - x) = 8$ $(x+1) \times (x-2) = 0$ $x_1 = -1$ $x_2 = 2$