Assignment 16	4 2 5 5	Name
Practice with the Quadratic Formula	4. $x - 5 = 5x$	Simplify each radical expression.
Use the Quadratic Formula		1. $\sqrt{x^2y^4z^6}$
$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2}$		
2a to solve the following equations.		
1. $x^2 - 3x - 1 = 0$		
		$2. \sqrt{xy^3 z^5}$
	5. $3-5x = x^2$	
		3. $\sqrt{12x^2y^2z^4}$
$2 2^{2} 4 1 0$		
2. $2x^2 - 4x - 1 = 0$		
		4. $\sqrt{25xy^6z^5}$
	6. $-2x^2 - 4x = 1$	
$3 - 2r^2 + 6r - 3 = 0$		$5 \sqrt{18x^3yz^6}$
5. 2x + 6x + 5 = 0		5. <b>V</b> 10 <i>k y</i> 2

<b>Practice with Completing the Square</b> Solve by the <u>Completing the Square Method.</u> 1. $x^2 + x = 5 - x$	<b>Practice with "Just the x squared type"</b> Solve by isolating the squared term and taking plus or minus the square root. 1. $2x^2 - 10 = 18 + x^2$	<ul> <li>Never Too Early Review "Final Exam" <i>Hopefully you are getting better at these.</i></li> <li>1. Simplify: 2x<sup>3</sup> · y<sup>2</sup> · 5y<sup>4</sup></li> </ul>
	2. $5x^2 + 2x - 16 = 2x + 3x^2$	2. Simplify: $(2x-1)+(3x^2-9x-2)$
2. $x^2 = 24 - 4x$		3. Simplify: $(x^2 + 2x) - (x^4 + x^2 - 2x - 3)$
3. $x^2 - 6 = 18 + 8x$	3. $4x^2 - 20 = 0$	4. Simplify: $\left(5x^5y^2\right)^3$
		4. Simplify. $\left(\frac{y^5}{y^5}\right)$