Foundations for College Algebra University of North Georgia Fall 2015 Ouiz #6

	4/	W 1	-2015
Name:	1º Cey	Date: November 11,	2070

Factor completely.

1.
$$49x^{2} - 81$$
 $\alpha = 7 \%$, $b = 9$

$$(7x + 9)(7x - 9)$$

$$19x^{2} - 62\% + 63\% - 8/$$

$$19x^{2} - 81$$

$$2. y^{2} - 1$$

$$2. y^{2} - 1$$

$$3 = 3$$

$$(3 + 1)(3 - 1)$$

Solve by factoring

3.
$$x^2 - 11x + 24 = 0$$
 $\alpha c = 2y$

$$\chi^2 - 8\chi - 3\chi + 24 = 0$$

$$\chi(\chi - 8) - 3(\chi - 8) = 0$$

$$(\chi - 8) (\chi - 8) = 0$$

$$\chi(\chi - 8) = 0$$

$$7 = 8$$

$$(8)^{2} - 11(8) + 24 = 0$$

$$64 - 88 + 24 = 0$$

$$-24 + 24 = 0$$

$$0 = 0$$

$$(3)^{2} - 11(3) + 24 = 0$$
 $(4 - 33 + 24 = 0$
 $-24 + 24 = 0$
 $0 = 0 = 0$