

Math 3
Unit 5 Day 5 HW

Name: _____

Date: _____

Factor the following completely. Be sure to check for a GCF first.	
1) $x^2 - 4x = 0$	2) $10x^2 = 6x$
3) $x^2 - 36 = 0$	4) $16x^2 = 81$
5) $x^2 + 12x + 27 = 0$	6) $x^2 - 4x = 77$
7) $x^2 = x + 30$	8) $x^2 + 8x - 65 = x - 5$
9) $2x^2 + 6x - 80 = 0$	10) $5x^2 + 11x + 2 = 0$

11)

$$8x^2 - 2x = 15$$

12)

$$12x^2 - 26x - 7 = 3x + 1$$