

Business PreCalculus MATH 1643 Section 004, Spring 2014
Homework 3: Due 1/17/2014

1- Factor completely each of the following polynomials:

a. $2x^5 + 16x^4 + 32x^3$

b. $6x^3 - 4x^2 - 3x + 2$

c. $8x^3 - 125$

d. $x^4 - 81$

e. $3x^2 - 11x + 4$

2- Extra practice:

a. $5x^2 + 7x + 2$

b. $3x^3 + 6x^2 + x + 2$

c. $9x^2 - 1$

d. $40x^3 + 5$

e. $9x^2 + 24x + 16 = ()^2$