

Algebra 2 HW #2

Write in Standard Form +
name it by degree + # of terms

① $4x - 3x^5 + 2x^2$

② Use the given operation to simplify
each expression

a) $(2x + 3x^5 - 5) + (4x + 8 - 5x^5)$

b) $(2x + 3x^5 - 5) - (4x + 8 - 5x^5)$

c) $(3x - 2)(4x - 5)$

d) $(2x - 1)(3x^2 + 2x - 4)$

e) $(2x - 1)^3$

③ Factor

a) $y^3 - 216$

b) $16x^4 - 54x$

Algebra 2 : Chapter 8 Lesson 13
(tutoring Sum + Diff of Cubes)