



# DALLASTOWN AREA SCHOOL DISTRICT

700 New School Lane  
Dallastown, PA 17313-9242  
(717) 244-4021 Telephone  
(717) 378-0023 Facsimile

---

*High School Mathematics Department*

3/10/2012

Dear Parents and Guardians,

As your child's Algebra I Part B teacher, I would like to inform you of the upcoming unit of study and the objectives we will be covering. For, approximately, the next 2 weeks, we will be studying Factoring Polynomials. The following objectives will need to be met with 80% proficiency in order for your child to advance to the enrichment activities within this unit:

- 1. Find the GCF of two monomials (9.5)
- 2. Factor a polynomial using the GCF (9.5)
- 3. Factor a difference of squares (9.6)
- 4. Factor a polynomial in the form  $x^2 + bx + c - 3$  (9.6 and 9.7)
- 5. Factor a polynomial in the form  $ax^2 + bx + c$ , where  $a > 1$  and  $a$  is prime (9.7)
- 6. Factor a polynomial in one step using the different factoring methods from obj. 2-5 (9.5,9.6,9.7)
- 

Knowing and understanding the objectives at the beginning of a unit will be an asset to your child's mathematical growth and achievement. Please discuss with your child the importance of mastering these objectives in order to be successful both now and in the future. (Further information for this course can be found on Moodle, if needed)

d). Thank you for working with me and your child to make this a successful unit.

Sincerely,

Mathematics Teacher

Dallastown High School