Tuesday, January 8, 2019

- **Warm-up**
  - **Look on infinite campus, write down your final grades from each class 1st semester (include both quarters of math)** *Letter grade*

- Reminder of Rules
- Grade Point Average
- Reminder of Graduation Requirements
- Calendar
- PSAT Practice
- Math Challenges

Objectives:
Content: I will be able to calculate my GPA and understand what it means.
Social: I will work with people in this class to achieve greater success.
Language: I will clearly write plans to achieve greater success.

Building a New Group…

Objectives:
Content: I will review the basics of quadratics including vertex form, standard form and graphing.
Social: I will work well with my new group members.
Language: I will use correct terminology when discussing and writing about quadratics.

Grade Point (Average)

A = 4 each (5)

B = 3 each (4) — AP

C = 2 each (3)

D = 1 each (2)

F = 0 each

total points

$$\frac{\bullet}{\bullet} = 7$$

7 + 6 + 6 + 6 = 25

(23)

Graduation Requirements Reminders

Math   3

English   4

Science   3

US History 1

US Govt   0.5

Social Science 1.5

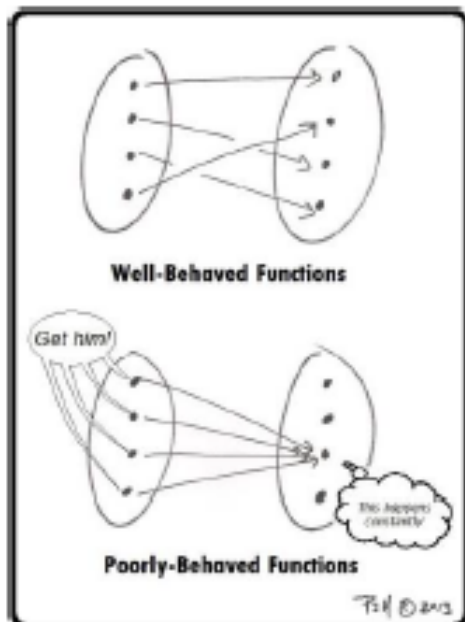PE   1

Fine & Practical Arts 2

Electives   7

SAT

English: 470

Math: 500

Math 2 - Unit 1
Function Characteristics

Well-Behaved Functions

Get him!

Poorly-Behaved Functions

This happens constantly

I Can
- Describe and perform transformations of functions (use function notation)
- Write and interpret domain and range, practical and theoretical
- Solve algebraically for identified variable in literal equations
- Evaluate and interpret functions and their applications using proper notation

7	**8** Welcome Back!!	**9** MAPS Testing	**10** Pre-Test	**11** Rewriting Equations / Absolute Value Equations
14 Practice Relations & Functions	**15** Domain & Range / Function Notation	**16** Function Notation (rate of change) / Writing Functions w/Domain & Range	**17** More Functions w/Domain & Range / Evaluating & Graphing Piecewise Functions	**18** Comparing Function / Transforming Absolute Value Functions
21 Marking Luther King Day NO SCHOOL	**22** Exploring F(x)+k and F(x+k)	**23** Square Root Functions	**24** Solving Square Root Equations	**25** Cube Root Functions / Practice
28 A little more practice ☺	**29** Review	**30** Post-Test *no notes*	**31** Review	**1** Unit 1 Test *notes*

Function Transformations

https://bit.ly/2vTENyB

Solving Literal Equations

https://bit.ly/2Mn7Bd1

Domain & Range (interval notation)

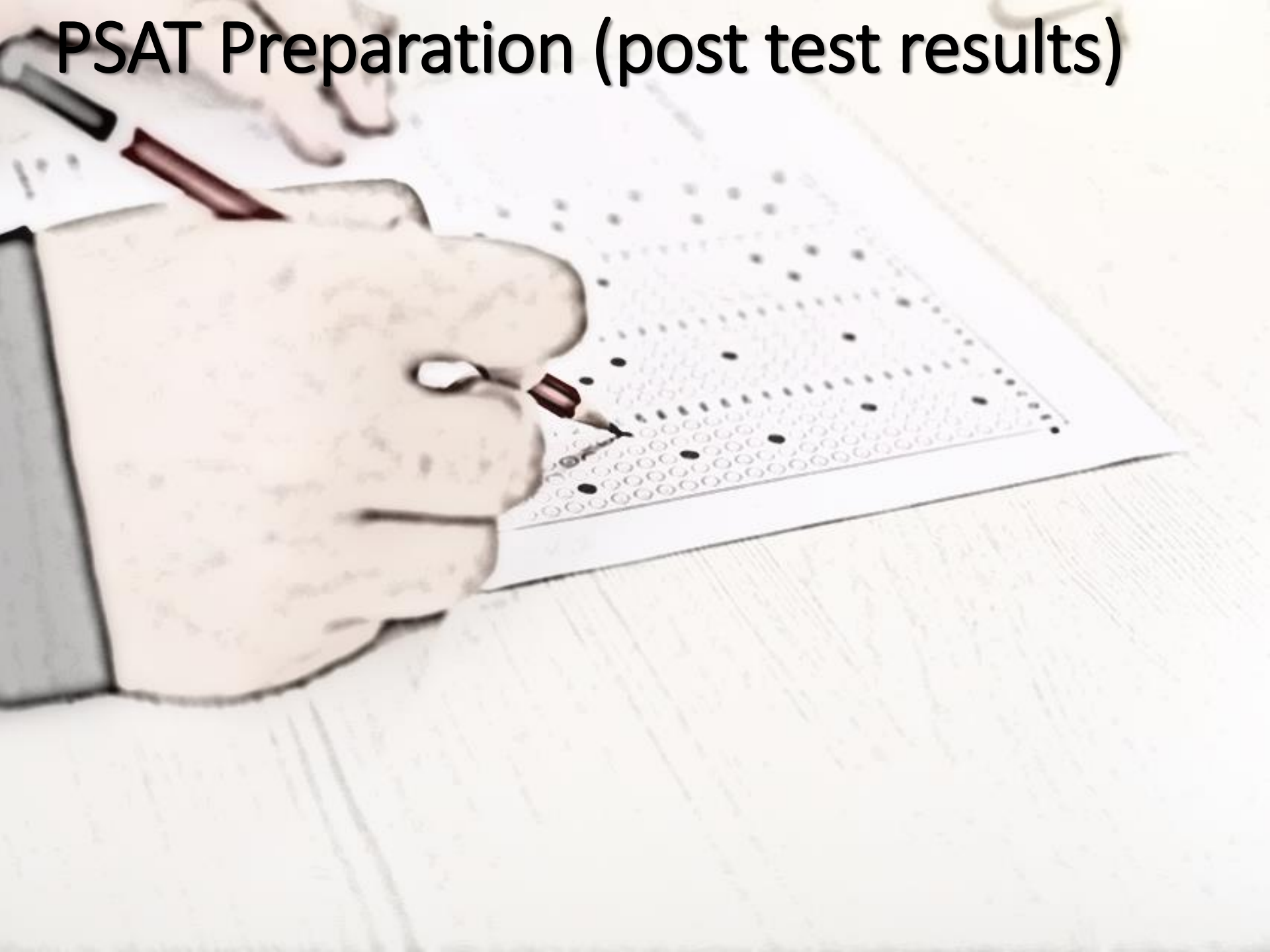https://bit.ly/1Cdd9rQ

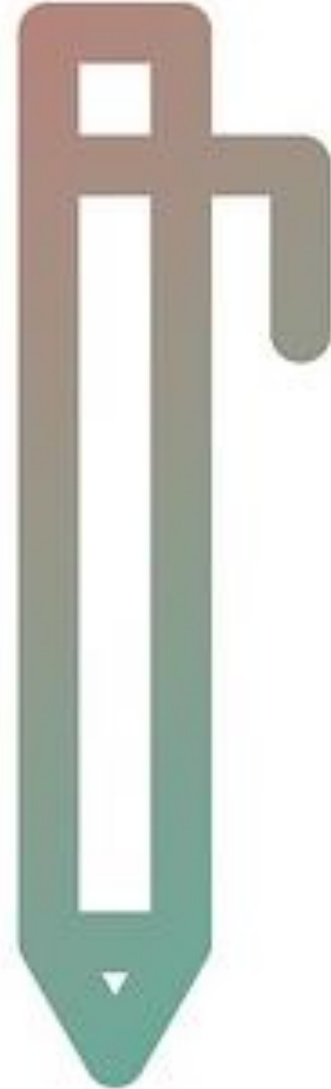**Solving Absolute Value Equations**

https://bit.ly/2DgfZH3

> If you find a path with no obstacles it probably doesn't lead anywhere.
>
> - Frank A. Clark

PSAT Preparation (post test results)

MAPS Test Data