



Elkins School District
Alternate Method of Instruction (AMI)



AMI Day #__2__

School Name	Elkins High School
Teacher Name	Sterling Emitt
Subject / Course Name	MATH / Pre AP Algebra 2
Assignment Description	ONLINE: Google Classroom PAPER HARD-COPY: describe transformations on functions; use that to predict key characteristics such as domain and range
Contact Information	EMAIL ADDRESS: semitt@elkinsdistrict.org OTHER: Google Classroom (post a comment or a thread)

Assignments will be graded and entered into the gradebook according to the teacher's grading system. Attendance will be recorded based upon completion of the assignment.

Pre-AP Algebra 2
Lesson 1-5 – DO NOW

Each family of functions has a parent function. Here are a few parent functions.

Function Name	Parent Function	Graph
Linear	$f(x) = x$ Domain: Range: x-int: y-int:	
Quadratic	$f(x) = x^2$ Domain: Range: x-int: y-int:	
Absolute Value	$f(x) = x $ Domain: Range: x-int: y-int:	
Square Root	$f(x) = \sqrt{x}$ Domain: Range: x-int: y-int:	

What makes each of these a parent function? What do they have in common?