MIND MAP VOCABULARY and INSTRUCTIONS

Name _____ PER_____ DATE_____

Follow the steps below to create a MIND MAP connecting as many Unit 4 topics to each other as possible.

STEP 1
Create a LIST of as many vocabulary terms as you can think of relating to POLYNOMIALS. (For help, a short list is provided in this document.)

STEP 2
Group your words together in categories. (for example, 'parts of a graph,' 'rules,' etc.)

STEP 3
Using POLYNOMIALS as the central idea draw lines connecting ideas.

THEN (and this is the best part!)
Write a short phrase ON the line describing their connection

"Strong connections" imply that the connection (1) makes sense, (2) is accurate, (3) uses academic vocab where applicable and (4) uses arrows to specify direction.

Chapter 1 VOCAB

	average rate of change	**composite functions**
continuous	**coterminal**	**domain**
equation	**equivalent expressions**	**function**
function notation	**graph**	**inverse function**
invertible		**multiple representations**
parent graph	**piecewise-defined function**	**properties of exponents**
radian	**range**	**rationalize the denominator**
slope	**table**	**unit circle**

Chapter 2 VOCAB

amplitude	angle	compression
concave down	concave up	cosine
coterminal	decreasing function	even function
extrema	global maximum	global minimum
horizontal	increasing function	inflection point
inverse cosine	inverse sine	inverse tangent
local maximum	local minimum	midline
odd function	period	periodic function
	reference angle	reflection
shift	sine	stretch
tangent	transformation	trigonometry
unit circle	vertical	

Chapter 3 VOCAB

area model	area under a curve	argument
	complex fraction	constant of variation
	Giant One	index
		left endpoint rectangle
long division	overestimate	polynomial division
rational expression	remainder	right endpoint rectangle
series	sigma notation	solution
subscript notation	system of equations	u-substitution
underestimate		