

Ms. Gentry's ~ Lesson Plans Week of: January 22nd

	PRE-ALGEBRA 6 TH	GEOMETRY 1 ST , 2 ND , 3 RD , 7 TH	ALGEBRA II 4 TH
M O N D A Y	New Seating – review of expectations Write fractions as decimals. Use paper/pencil and calculator. Compare rational numbers by converting to same form. Assign p. 277 15-38, 45-48 Go over finals	1 st semester – 1 st period with lesson plan and get new schedules then go to 2 nd semester 1 st period. Go over finals New Seating – review of expectations Simplify radicals in preparation for upcoming units. Make perfect square notecards, review radical terminology and symbols and then use the 3 rules of simplified radicals to simplify, add and multiply radicals.	New Seating – review of expectations Review of Exponential growth, decay and working with ‘e’. Introduce Logarithms, watch brief video, convert from log form to exponential and vice versa. Prepare notes to use for Tuesday’s assignment Go over final
T U E S D A Y	Estimate products and quotients. Identify appropriate times for use of estimations. Use calculator to look for patterns and discover rules for dividing by decimals. Assign p. 282 15-32, 34-37 Ms. G gone	Continue simplifying radicals and use cross products to solve proportions. Work on assignment from Monday and handout of proportions. Ms. G gone	Evaluate logarithms and graph log functions with and without a calculator. Rewrite logarithmic form into exponential form and vice versa. Simplify expressions using inverse properties and apply in real world applications. Assign page 255: 4-30 evens, 30-51 every 3 rd and 58,59 Ms. G gone
W E D N E S D A Y	Multiply fractions. Simplify and multiply Convert mixed number to improper fractions. Evaluate expressions using fractions. Assign page 287: 18-40 ev, 43,44	Use properties of proportions and solve for the geometric mean using proportions. Convert labels to properly simplify ratios and solve extended ratios. Work practice problems and assign page 360: 4-36 evens, 57-59 Challenge practice: 32-56 evens , 57-64,69-71	Apply properties of logarithms. Use the product, quotient and power properties. Expand logarithms. Assign page 262: 3-6, 8-30 evens IF.7Graph exponential and log functions
T H U R S D A Y	Divide fractions by multiplying by the reciprocal. Identify and write multiplicative inverses of numbers. Evaluate expressions using fractions and division. Assign. P 292: 20-34, 42-44, 48	Compare and contrast congruent, similar and non-similar figures. Write similarity statements. Calculate scale factors. Practice examples together and assign Mixed problem solving handout G.SRT.5 Similar figures: use congruence and similarity criteria for triangles to solve problems and prove relationships in geometric figures. 6.3 P 376: 5-20, 31,32,34	Apply properties of logarithms. Use the product, quotient and power properties. Use change of base formula to evaluate logs. Assign page 262: 34-50, 69,70 F.IF.7 Graph exponential and log functions
F R I D A Y	Application problems involving fractions, decimals and estimation. Enrichment 6-1,6-2	Prove triangles are similar by AA. Hands on construction to prove AA. Use AA and indirect measurement to solve real life application problems. G.SRT.3 Use the properties of similarity to establish the AA criterion for two triangles to be similar. Assign p. 384: 3-17, 31-34	Review problems on logarithms. Evaluate, expand and condense. Page 265: 1-4, 8-20 or handout quiz