

Ms. Gentry's ~ Lesson Plans Week of: February 26th

| | PRE-ALGEBRA 6 TH | GEOMETRY 1 ST , 2 ND , 3 RD , 7 th | ALGEBRA II 4 th |
|---|---|---|---|
| M O N D A Y | Solve multistep inequalities. Use inverse operations and order of operations in reverse to solve inequalities. Identify when to change sign. Check solutions. P 353 12-33 | Use inverse trig ratios to solve for angle measures in right triangles. Use calculators to calculate inverse function values. Combine with trig ratios and Pythagorean theorem to solve right triangles. Attend to precision by choosing the best method. Assign P 485: 3-15,21-28, 34-38 G.SRT.8 Use trigonometric ratios and the Pythagorean theorem to solve right | Add and subtract rational expressions. Find common denominator for unlike denominators. Assign p. 340: 3-24 every 3 rd A.APR.7+ Understand that rational expressions form a system analogous to the rational numbers, closed under addition, subtraction, multiplication and division by a nonzero rational expression: add, subtract, multiply and divide rational expressions. |
| T U E S D A Y | Write and solve inequalities to solve verbal problems. Review terminology for inequalities. Practice problems together then assign page 356: 9-13, 15-18, 20-22 | Quiz over Pythagorean theorem and trigonometry | Simplify complex fractions – choose best method. P 341: 31-35, 41,42 A.APR.7+ Understand that rational expressions form a system analogous to the rational numbers, closed under addition, subtraction, multiplication and division by a nonzero rational expression: add, subtract, multiply and divide rational expressions. |
| W E D N E S D A Y | Start review of chapter 7. Vocabulary together, practice writing and solving equations, defining variables, finding circumference of circles. Assign p. 364 8-23 | Pythagorean theorem and Trig application problems. Cooperative Learning activity. Work with a partner to draw diagram and choose correct method to solve. Prepare to present results to class on Tuesday. | Solve rational equations Use cross products to solve equations. Check for extraneous solutions by substituting back into original equation. Solve simple rational and radical equations in one variable and give examples showing how extraneous solutions may arise. p 349 4-22 evens A.REI.2 |
| T H U R S D A Y | Finish review of chapter 7. Vocabulary together, practice writing and solving equations, defining variables, finding circumference of circles. Assign p. 364 8-23 | Present Problems and start review of chapter 7 Pythagorean theorem and its converse, special right triangles, trig and inverse trig. | Describe and compare functions characteristics. Determine if functions are odd or even. Look through examples and do practice some together. F.IF.9 Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables , or by verbal descriptions) p 361 3-8, 10-12, 15-24, 26, 29(may do most together) |
| F R I D A Y | TEST Chapter 7 | Work review problems and prepare notecards for chapter 7 TEST | Start review of chapter 5: Model inverse and joint variation, graph simple and more complex rational equations. Work review problems together and assign practice problems: p 367: 6-30 evens, 31 A.APR.7+ A.REI.2 |