Alg2CP Review/Can you Unit 2 Parabolas

\*\*All answers/solutions are in the Ch1 and 2 Worked Out Solutions Key on my website.

***YOU CAN (WITH CALCULATOR PROVIDED IN CLASS)….***

GIVEN TWO OF THE FOLLOWING: FOCUS, VERTEX, DIRECTRIX, SKETCH A GRAPH OF THE PARABOLA AND WRITE AN EQUATION

*(p85 #11-12)*

USE THE DISTANCE FORMULA TO WRITE THE EQUATION OF A PARABOLA

*(Student Journal p37 #1, 2)*

USE THE STANDARD EQUATIONS OF A PARABOLA TO GRAPH A PARABOLA AND IDENTIFY THE LOCATION OF KEY PARTS INCLUDING THE FOCUS, DIRECTRIX, AND VERTEX.

*(p85 #10, p87 #3, Student Journal p38 # 3-5)*

GIVEN A GRAPH OF A PARABOLA, WRITE THE EQUATION.

*(p87 #5, 7; Student Journal p38 # 6-8)*

APPLY THE CONCEPT OF A PARABOLA, FOCUS, AND DIRECTRIX TO A REAL WORLD SITUATION

*(Review Parabola Investigation in Student Journal; p85#9, p87 #10a, Student Journal p38 #9)*

***HAVE YOU:***

 **\* Reviewed your notes (read through all problems, redo problems you are not completely comfortable with, and practice the vocabulary)**

 **\*Reviewed all homework problems**

 **\* Completed the practice test in the book, as well as additional practice problems?**

 **\*Come in for additional help if needed**

 **\* Investigated the online resources at the Big Ideas Math website?**