Locust Grove Public Schools

Distance Learning

Calculus

May 4 - 8

Send completed work to

tmayes@lg.k12.ok.us

"Once you have completed an assignment take a picture of it and send it to me in an email. In the Subject Line put your NAME so I can record that you completed it."

Review topic 5 week 5

*This week we will be reviewing how to use **the Chain Rule**. Your work is in the Calculus packet that you have either received on paper or are viewing online or perhaps you have downloaded it.*

Please follow the directions in the packet. Read over the Objectives, read over the theorems and look over any example problems.

*The video link will be helpful but you can do the problems without watching the video. Search "**the chain rule khan academy**" or use*

https://www.khanacademy.org/math/ap-calculus-ab/ab-differentiation-2-new/ab-3-1a/v/chain-rule-introduction

If you find this video helpful you might consider watching the next in the series for enrichment.

The packet has 34 problems I would like for you to do on a seperate sheet of paper over the course of the week. Remember this is your assignment for the entire week so you don't have to do it all at once. Once you have completed the assignment take a picture of it and send it to me in an email. In the Subject Line put your NAME so I can record that you completed it. Remember your grade can only go up so even if you can't finish, send me a pic of what you have got done.

*For Students that want more of a challenge please skip ahead in your packets to the ENRICHMENT section of your packet and do ENRICHMENT topic 5 week 5 "***The fundamental theorem of calculus** --using to find area"*

The same directions apply.

Here are the links

*Search "**the fundamental theorem of calculus and definite integrals khan academy**" or use*

https://www.khanacademy.org/math/ap-calculus-ab/ab-integration-new/ab-6-7/v/connecting-the-first-and-second-fundamental-theorems-of-calculus

And

*Search "**area between a curve and the x axis khan academy**" or use*

https://www.khanacademy.org/math/ap-calculus-ab/ab-applications-of-integration-new/ab-8-4/v/evaluating-simple-definite-integral