Unit 9: Exponential & Unfamiliar Functions (Ch 18 & 19)

Instructions for Homework:

q Title your page with your name, the date, textbook section and page numbers.

q Begin each problem by writing the problem number and copying the question.

q Show all your work clearly.

q Check your own answers in the answer section of the book with a coloured pen.

q Correct all wrong answers beside your original work.

q Ask in class or during Math Help if you need help completing or correcting your work.

v The problems assigned here are suggestions. If you are confident with your understanding, you may choose to do fewer of the easy problems, but you should still do the more challenging questions. If you need extra practice, you should do more problems in the areas you find most difficult.

Lessons	Reading	Topics	Homework
1-2	N/A	IA Project Work – Introduction and Data Collection	IA Project Intro and Data Collection Due – Oct 15th
3	Sec 18AB	Evaluating Exponential Functions Graphs of Exponential Functions	Ex 18A Pg. 531 #1 to 5 Read and explore TOK Pg. 532 Ex 18B.1 Pg. 533 #1 to 3 Ex 18B.2 Pg. 535 #1 to 3 Investigation 1 Pg. 534 #1 to 4
4	Sec 18CD	Exponential Equations Growth and Decay	Ex 18C Pg. 536 #1 to 2 Ex 18D.1 Pg. 538 #1 to 4 Ex 18D.2 Pg. 539 #1 to 6 Investigation 2 Pg.540 #1 to 5
5	Sec 19AB	Properties of Functions Asymptotes	Ex 19A Pg. 545 #1 to 4 Ex 19B Pg. 548 #1 to 3
6	Sec 19C	Combined Power Functions	Ex 19C Pg. 549 #1 to 3 Investigation 1 Pg. 549 #1 to 3 Investigation 2 Pg. 550 #1 to 3

7	Sec 19DE	Combined Functions Where Functions Meet	Ex 19D Pg. #1 to 5 Ex 19E Pg. #1 to 8
	Ch 18 & 19	Review Chapters 18 & 19	Review Sets 18A & 18B Pg. 541-542 Review Sets 19A & 19B Pg. 556-558
	Ch 18 & 19	**TEST – Chapters 18 & 19**	**Work on IA project analysis & conclusions**

Math Help is available <u>Monday - Thursday</u> at lunch in Room C4.

You are also welcome to make an appointment to see me another time.