

Name \_\_\_\_\_

Worksheet for Day 2 of Standard Deviation  
Assignment for IB Math Studies

You will need access to Google Sheets for later in this assignment.

A. Do page 199.... 1 from the Chapter 6 Packet

*Enter the data in your GDC and quickly get your answer*

B. Do page 201....3

*For both questions, show the formula followed by critical values followed by the answer rounded to (you guessed it) three significant figures.*

C. page 202....7

Part a: Show the formula, then critical values, followed by the answer....

For part b: Show the chart. Add a column for cumulative frequency. Then on separate graph paper you will need to neatly make the graph. Staple this graph to this worksheet.

Continue on back side.

#### D. Google Sheets example

You will need to open the Google Sheets file that contains Maternal Mortality Rate data. The link can be found on the class website under today's assignment for this class.

Once opened, follow the same procedure as done in class to calculate both the mean and standard deviation, showing all critical totals below.

(if absent be sure to get another person in the class to show you how to do this).