## WARM UP

1. Put the following equation in $\log$ form $7^{3 x+2}=13$
2. Put the following equation in exponential form $3 \log 7 x=150$
3. Find the inverse of the equation $\sqrt[3]{x+3}-2=y$
4. Find the standard deviation of the following data set $\{3,5,7,100,134,145\}$

## Objectives

- Review Logs, Exponential Equations and Statistics


## Homework

- Released test questions packet
- Section I: 3, 4, 11, 12, 17, 19
- Section II: none
- Section III: 12, 13
- Any unfinished classwork problems

Schedule this week
Monday - Quadratics and Polynomials
$\Rightarrow$ Tuesday - Logs/Exponents and Statistics
Wednesday - Rational Functions
Thursday - Geometry
Friday - Trigonometry

## After School Blitz sessions this week

| Monday | Logarithms | Davis <br> Schmutz | $2: 30-3: 30$ | Complete Logarithms assignment <br> Add 7 points to Logarithms Unit Test |
| :---: | :---: | :---: | :---: | :--- |
| Tuesday | Statistics | Dixon <br> Davis | $2: 30-3: 30$ | Complete Statistics assignment <br> Add 7 points to Statistics Unit Test |
| Wednesday | Rational Expressions | Dixon <br> Schmutz | $2: 30-3: 30$ | Replace lowest quiz grade with 100 |
| Thursday | Geometry | Dixon <br> Schmutz <br> Davis | $2: 30-3: 30$ | Complete Geometry assignment <br> Add points to Geometry Unit Test |
| Friday | Trig with the Unit Circle | Dixon <br> Schmutz <br> Davis | $2: 30-3: 30$ | Complete Trigonometry assignment <br> Add 7 points to Trigonometry Unit <br> Test |

$$
f(x)=a(b)^{x-h}+k
$$



Make sure the Exponential and
Logarithmic page of your formula book has the following items completed.


Meritten as $\bar{x}$ or $\mu$, average Standard Deviation
$\begin{aligned} & \text { Standard Deviation } \\ & \delta=\sqrt{\frac{\sum(x-\bar{x}}{n}} \\ & \text { note square roost of variance }=\text { standard }\end{aligned}$ ${ }^{2 \text {-score }} z=\frac{x-\bar{x}}{\sigma}$

Make sure the Statistics page of your formula book has the following items completed.


Make sure the Calculator Tips page of your formula book has the following items completed.

