

# Agenda

## Homework:

- Inequalities Study Guide
- TEST Wed/Thurs
- AM

## Materials:

- Ruler
- Calculator
- Notebook

## DO NOW

- 1) Take out homework
- 2) Solve the following problem  
ALGEBRAICALLY in  
your notebook:

$$\frac{1}{2}x - 12 > 2x + 18$$

# Homework Help

$$05 \rightarrow \textcircled{\frac{1}{2}} x^2 - 12 > 2x^2 + 18$$

$$1x - 24 > 4x + 36$$
$$\begin{array}{r} -4x \\ \hline \end{array}$$
$$\begin{array}{r} -3x > 60 \end{array}$$

$$\begin{array}{r} -3x - 24 > 36 \\ +24 \\ \hline \end{array}$$
$$\begin{array}{r} -3x > 60 \end{array}$$
$$\begin{array}{r} -3 \\ \hline \end{array}$$
$$\begin{array}{r} -3 \\ \hline \end{array}$$
$$\{x: x < -20\}$$

$$\begin{array}{r} -3x > 60 \end{array}$$

# Inequalities Review Board

- Teams will work together as a group to answer the questions on the given Review Board
- Assign each team a number from 1-4 (Those groups with less people will have to double up on numbers)
  - For those students looking for a challenge, I suggest you choose to be #4

# Inequalities Review Board

- **Each team will be given three game pieces** for each category (Graphing, Algebraic, In Context), one for each team member
- In **Round 1**, each student will work on **ONLY** the problems with their assigned # on it
- Complete your problems in PENCIL on one of the appropriate game pieces
  - **Blue = Graphs**, **Green = Algebraic**,  
**Purple = In Context**

# Inequalities Review Board

- **Tape your piece** on to the appropriate area of the Review Board and move on to your next problem
- Once all members are done, bring the finished board to **Ms. Nakagawa to check**
- If any are wrong, I will let you know which section (NOT the problem) that needs to be corrected and **AS A GROUP you need to find where the error(s) are and fix it**

# Inequalities Review Board

- Once all problems are complete and accurate your team will receive 5 participation points for today and the Study Guide