

# Agenda

- Homework:

- Graphing Inequalities Worksheet
- AM

- Materials:

- Ruler
- Notebook (for reference)

- DO NOW:

- ① Take out homework
- ② Find the slope-intercept equation of the line that goes through the points  $(-3, 8)$  &  $(6, 2)$

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# Inequalities – Study Groups

- Students will be divided into 7-8 groups (Focus Groups)
- Each group will be assigned a problem and must become an “expert” on that problem
- Students will then go back to their original table groups (Home Groups) and “teach” the rest of their members how to do their problem

# Discussion Questions

- What did you learn or improve on after today's teaching activity?
- What do you still need to work on?
- What if the two lines coincide and we needed to know when  $f(x) > g(x)$ ?
- What if the two lines were parallel and we wanted to know when  $f(x) > g(x)$ ? \*