

# Inequalities

A-CED.3

# Agenda

## Homework:

- Inequalities Word Problem WS
- AM

## Materials:

- Notebook (if needed)
- Calculator

## DO NOW

- 1) Take out homework
- 2) Create a function that represents the following scenario:

Cal always goes to DnBs to play games in the arcade. He already has 4532 tickets and wins about 65 tickets every day he visits. Let  $T(d)$  represent the amount of tickets after  $d$  days.

# Do Now

- Cal always goes to DnBs to play games in the arcade. He already has 4532 tickets and wins about 65 tickets every day he visits. Let  $T(d)$  represent the amount of tickets after  $d$  days.

$$T(d) = 65d + 4532$$

# Homework Review

# Word Problem Practice

# MINI QUIZ

- Cell phone plan A has a calling plan with a base fee of \$5.00 and charges \$0.50 per minute of calling time. Cell phone plan B has a calling plan with a base fee of \$13.00 and charges \$0.30 per minute of calling time. When would plan B cost less than plan A?