DO NOW

Grab a voter from the windowsill.

How do you know you have an inconsistent system?

Review 5

Solve Systems of Equations

- 2 Variables and 2 equations
- Methods:
  1. Graphing - choose the intersection
  2. Addition Method
  3. Substitution Method
     best for "$y =$" or "$x =$" forms
- Remember to find both variables and identify the answer
- Remember to check in both equations

3 Types of systems

1. Consistent and independent - one point of intersection
2. Consistent and dependent - same line
3. Inconsistent - parallel lines

Solve Systems of Inequalities

- Graph both inequalities on the same coordinate plane
- Solid ($\leq$, $\geq$) or dashed ($<$, $>$)
- Above ($>$, $\geq$) or below ($<$, $\leq$)
- Label lines with an =
- Solution is the double shaded area

Word Problems

- 2 variables and 2 equations
- Straight translation
- PERIMETER - formulas, pictures
- COIN/VALUE - number of vs. value of
  *** Don't forget to include the values

Chapter 5 - Activote.flipchart

HOMEWORK

Worksheet Review 5