Warm-Up
(Wednesday, October 22nd, 2014)

- If you could be an animal for a day, what would you be? Why?

Lesson 2-8:

Solving Two Step Equations

Learning Target

- I can solve two step equations.

Recall the method for solving Equations

1. Ask: What is happening to the variables..
    1. First? Second? Third?...
2. “Undo” the operations (working backwards or furthest away with your order of operations).
3. Answer is given “x=“ form.

Multiple Steps Equations Solving

- Still focus on asking yourself what is happening to the variable first? Second? Third?....etc.
- Work to “undo” the operation from the last piece backwards.
- Remember to check your answer by substituting your solution back into the algebraic equation.

Practice

- $2x - 7 =$-17
- $\frac{m}{3} + 7 = 22$
- $\frac{y-4}{3} = 9$
- $\frac{4}{6}d - 8 = -\frac{26}{3}$
- $23.5 = \frac{3y+4}{3}$
- $\frac{5}{6} - 6h = -24.8\overline{33}$

Hand's On Solving Two Step Equations

- Using the algebra titles application (http://www.mathplayground.com/AlgebraEquations.html)on your Chromebook, we will continue to practice solving two step equations.

Think About (Think/Discuss on page 101)

- Why can you add zero pairs to one side of an equation without having to add them to the other side as well?

- Show how you could have modeled to check your solution for each equation

Are You on Target?

- Can you…
  - Solve equations with two steps?

- Preview: We will be working on multi-steps equations next week.

Homework

- Complete Lesson 2.8, on page 104, Book Problems 10-38 even