**Mid-year Review Flashcards**

We learn A LOT of information in Math 1 so this is a way for you to revisit some of the most important topics we have covered so far this year before you come back for the second half of the course. To do this you will be creating flashcards for the topics listed below. The flashcards are due by **January 8th, 2018** (our fourth day back to school) and they will be a **formal grade** in the gradebook.

Directions for each flashcard:

1) Put the vocabulary word or topic on the front

2) Use your notes to write the definition/key information on the back **(use internet sparingly)**

3) Each flashcard should also include an example question with the work/answer

Topics:

1. Order of operations
2. Equation with no solution
3. Equation with infinitely many solutions
4. Equation with one solution
5. Literal equations
6. Systems of Inequalities (\*include how to solve and graph)
7. ~~Compound inequalities (\*include how to graph and solve~~)
8. Volume (cone, cylinder, sphere)
9. Consecutive integer equation
10. Consecutive even/odd equation
11. Slope-intercept form
12. Standard form
13. ~~Point-slope form~~
14. Parallel lines (\*hint: think about slope and y-intercept of two lines)
15. Perpendicular lines (\*hint: think about the slope of two lines)
16. Recursive arithmetic sequences
17. Explicit arithmetic sequences
18. Next now arithmetic sequences
19. Function
20. Function notation
21. Composite functions
22. Regression line (line of best fit)
23. Standard deviation
24. Systems of equations (\*include all three methods of solving)
25. Pythagorean Theorem
26. Linear Programming
27. 1-Variable Statistic Symbols

**To turn in your flashcards:**

* Put them in a baggy with your name on it in the order listed above.
* Cut out the bottom section and staple it to the bag
* Turn them in **by January 8th**

--------------------------------------------------------------------------------------------------------------------------------------

**Grade: Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

\_\_\_\_\_\_/10 points All flashcards are included

\_\_\_\_\_\_\_/25 points All flashcards are completed correctly, with both a definition/key information **AND** an example

\_\_\_\_\_\_\_/5 points Flashcards are neat and easy to read/understand

\_\_\_\_\_\_\_\_/40 points