Name: Ginger Sheets, Texhoma High School

Grade Level: Jr. High or Algebra 1

Topic: Probability Game

A. Objectives (Pass):

B. Instruction:

   a. This game is played after going over the lesson on probability.
   b. On your TI-83 plus calculator (that is the kind I have) go to math, arrow over to PRB, push 5 for randInt(, type 0,9,2), and then press enter. The calculator will pick 2 random numbers between 0 and 9. While you are doing this, your students should get a blank piece of paper and split it into 5 sections. Label each section game 1, 2, 3, 4, and 5. In the game one section, add the 2 #'s on your calculator and that is the number you start with. Then ask your students to stand up. Then ask them if they want to stop. If they do want to stop, then they sit down and you would circle their answer and sign it. Once you sign it and they sit down they can not get anymore points for that game. If they are still standing, push enter again and add those 2 numbers to the points already in game 1. If students are still standing and a zero comes up as one of the numbers on the calculator they loose all of their points and you start over on game 2. Do this for 5 games and the student with the most points gets 15 bonus points in the grade book.

C. Assessment: This game is just for fun. I don’t give a grade unless they win and I give them their 15 bonus points.

D. Modifications/Accommodations: Make charts ahead of time.

E. Reflections: My students love this game. It is always interesting to see which ones are the risk takers and which ones are not.