**Probability Unit Test Feedback - Algebra 2/Trig**

Learning doesn’t stop once you take an assessment! Use the following codes and questions to guide your reflection and revisions on this test. Turn the revisions form in with your test to receive your grade.

**Question 1:**

1. What is the definition of *sample space*?
2. How many coins should be represented in each *event* of your *sample space*?
3. How many *events* (ie combinations) should be represented in this *sample space*? Do you have them all?

**Question 2:**

1. To find how many possible outcomes there are in a *sample space*, what do you do with the number of possibilities for each? What trick did we talk about that would eliminate the need to create the whole sample space in order to know the total possible outcomes in that sample space?

**Question 3:**

1. Check your work, what error did you make?
2. What type of probability problem is this? How do you write it in correct probability notation, and what do the parts of that notation mean?
3. What type of probability problem is this? What is the process for finding the probability of this type of question? What do the numerator and denominator represent in this question?
4. Answer these again after you fix the numbers in the table

**Question 4:**

1. Check your work, what error did you make?
2. Look at the circle for hardcover books, how many total hardcover books do you have represented in the circle? How many were given in the problem? What error did you make?
3. What part of the Venn diagram are you missing?

**Question 5:**

1. Check your work, what error did you make?
2. Did you understand what the notation was asking for? Translate it into words first to better understand what it was asking.
3. What type of probability problem is this? Where do you find the information for the numerator and denominator in the Venn diagram? Why do you use those section(s)/what is the meaning of the numbers within those section(s)?
4. What type of probability problem is this? How do you write it in correct probability notation, and what do the parts of that notation mean?
5. Did you answer all parts of this question?