

1106-VD-3

Rob Eby* (jeby@blinn.edu). *How to have group exams but an individual final exam for students. A discussion of how this promoted collaborative learning and lead to individual student inquiry in several types of classes.*

Collaborative learning is a hot topic. However, most institutions require an individual final exam for each student. In this session the presenter will share how he had both of these exam types in his several different classes. There will be a brief discussion of what went right and what went wrong, examples of student responses, student perceptions, and some suggestions for those interested in doing this in their own classes. In addition, the presenter will have examples he used in class and if time permits, questions will be taken from the audience. There will also be a website with more information for those interested in trying this in their own classrooms.

Example On the take home part you had:

An average newspaper contains at least 11 pages and at most 82 pages. How many newspapers must be collected to be certain:

1. that at least two have the same number of pages? Answer 73
2. that at least three have the same number of pages? Answer 145
3. that at least four have the same number of pages? Answer 217

Now look at the take home part with answers above. Find a formula to use to make sure that there are at least R papers with the same number of pages, where R could be any positive integer. (Received April 17, 2014)