Assignments: Class Procedures. Pg 219 1,2,3 10-15 20-30 Odd

Submitted: Assignment #10 Grade=100, Journal 3

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| Recall/**QUESTIONS**  remember to review lesson during study time after class.  I redid the proof of integrals from page 243  **What is the definition of AREA?**  **A: # of squares that cover the object.** | **Notes**  Measures: Why we measure? What do we measure?  ex: Area, # of squares  ex: Exponents: # of factors that are not equal to 1  note: 1 has a special purpose. It is the IDENTITY. That means in terms of multiplication, one doesn't make any changes. When you multiply a number by 1, you get no change. Just like adding zero.  Area. Count the squares. There are many shortcuts for counting.  If objects are arranged in a line. Enumerate (1,2,3...  If objects are arranged in a rectangle. Multiply rows times columns.  If objects are irregularly shaped  parallelograms:  triangles: 1/2 (bh)  trapezoids. 1/2 (B+b)h  tree shape:  ?? From stats book on Permutations  total irregular.  I didn’t understand this. It was from Chapter 5, page 243. def of integral  **NOTE: DIAGRAMS did not copy!** |
| **Summary**: Looked at all the ways to count objects  Here are some good possible questions  1. How many ways can ....  2. What is the area of a circle | |