

DISCRETE MATH

N:

▷ Test 1 // Review B *aka study guide*

D: **9/27/2012**

P: 1 2 3 4 5 6

What is on the TEST?

1. Problems from Quiz 1 and Quiz 2, which is basically Sections A-E.
2. Problems from Sections F (41-42 + 45-46) + G (51-56, 59-60)
3. Things from the Lessons, like below...and more?

Conclusion (4 major ideas were? - check lesson 5)

1.

2.

3.

4.

Formulas (check lesson 4)

1) Sum of Consecutive Integers Formula

2) Number of Pairwise Comparisons

4 Fairness Criteria (know them-memorize)

Majority Criterion:

Condorcet Criterion:

Monotonicity Criterion:

Independence of Irrelevant Alternatives (IIA):

Arrow's Impossibility Theorem

Violations (memorize)

Plurality violates:

Borda Count violates:

Plurality w/ Elimination violates:

Pairwise Comparisons violates: