

Math 105-30 Summer Term III  
Quiz 5 August 2

Name: \_\_\_\_\_

To receive full credit for this 25 point quiz, you must show ALL work.

**1.** (*25 points*) A squad of nerds took a vote of which gaming console is best out of 3 (Xbox wasn't included because it's stupid). Given the chart below with the given number of votes, who wins the plurality method? Who wins using the Borda count? Who wins the method of pairwise comparison? Who wins the Plurality with Elimination Method? Are there any violations here to be considered?

Votes			
Number of Voters	7	10	2
First	PC	PS4	Switch
Second	PS4	PC	PS4
Third	Switch	Switch	PC