

Name _____

Group _____

Voting Assignment

In this assignment, you will collect data from your classmates, friends, and/or families and analyze the data based on the voting methods we have learned in class (plurality, majority, majority with elimination, Borda count, and Condorcet).

Step 1: Choose a topic that interests you.

Ex: hockey

My topic is: _____

Step 2: Develop a question with a list of 3 answers people will rank.

Ex: Put the following list of hockey teams in order from your favorite to your least favorite:
Detroit Red Wings, Ottawa Senators, Montreal Canadiens

My question is: _____

The possible answers are: A. _____

B. _____

C. _____

Step 3: Gather data from classmates, friends, and/or family members.

You must ask at least 40 people.

Keep track of the rankings each person gives you on the **Data Tracking Sheet**.

Step 4: Analyze your data

Use the **Analysis Sheet** to determine which answer would win, using Plurality, Majority, Majority with Elimination, Borda Count, and Condorcet.

Data Tracking Sheet

Next to each letter, write in the corresponding answer.

For example, if your question was: Put the following list of hockey teams in order from your favorite to your least favorite: A. Detroit Red Wings, B. Ottawa Senators, C. Montreal Canadiens, then next to each A, write Detroit Red Wings, next to each B write Ottawa Senators, and next to each C write Montreal Canadiens.

Keep a tally below the table under each option so you know how many people voted for each. After you have asked at least 40 people, count your tallies for each option and write the number above each option in the table with the total number of people preferring that order.

Total						
	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
1 st	A	A	B	B	C	C
2 nd	B	C	A	C	A	B
3 rd	C	B	C	A	B	A

Analysis Sheet – SHOW ALL WORK!

<p>Plurality</p>	<p>Majority</p>
<p>Majority with Elimination</p>	
<p>Borda Count</p>	

Condorcet

**Given the voting results, which answer should be declared the winner? Why?
Support your choice with evidence in the table above.**