

TOPIC: BORDA COUNT METHOD

Borda Count Method

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Borda Count



PWE

PC

◆ With the **Borda Count method**, points are given to each rank and the candidate with the most _____ wins.

► The _____ place rank always receives 1 point. Each higher rank receives 1 more point.

EXAMPLE

In an upcoming election with 27 voters, the candidates are Callie, Nick, Colleen, and Jenn. Using the preference table below, determine the winner of the election using the Borda count method.

New

Borda Count Method

Number of Ballots	9	7	6	4	1
1 st = ____ points	Callie	Colleen	Jenn	Nick	Colleen
2 nd = ____ points	Nick	Nick	Colleen	Jenn	Jenn
3 rd = ____ points	Colleen	Jenn	Nick	Colleen	Nick
4 th = ____ points	Jenn	Callie	Callie	Callie	Callie



Points:

Callie: $(\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) =$

Nick: $(\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) =$

Colleen: $(\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) =$

Jenn: $(\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) + (\text{points} \times \text{votes}) =$

Winner:

PRACTICE

There are thirty voters in an election with four candidates. Answer the questions below, assuming the winner of the election will be determined by the Borda count method.

(A) What is the maximum number of points a candidate can receive?

(B) What is the minimum number of points a candidate can receive?

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EXAMPLE

The preference table below shows the results of an election with 4 candidates: Joe, Karl, Lori, & Miles. Use the table to answer the questions below.

Number of Voters	18	12	10	7	3
1st	J	K	L	M	K
2nd	L	J	M	J	M
3rd	K	M	J	K	L
4th	M	L	K	L	J

(A) Using the Borda count method, who would win the election?

(B) Find the complete ranking of the candidates using the Borda count method.

PRACTICE

An election with 4 candidates (Will, Xenia, Yanni, & Zoey) and 80 voters, will be decided by the Borda count method. Xenia gets 220 points, Will gets 250 points, and Yanni gets 170 points.

(A) How many points did Zoey get?

(B) Rank the candidates from most to least number of points.