

THE ROLE OF MATH IN ELECTIONS

MAJORITY AND PLURALITY

- Majority: More than 50% of the votes.
- Plurality: The candidate with the most votes, even if it's not a majority.

VOTE COUNTING

The basic calculation involves tallying up the votes each candidate receives.



PERCENTAGES



To find the percentage of votes a candidate received, use the formula:

$$\text{Percentage of Votes} = (\text{Total Votes Cast} / \text{Votes for Candidate}) \times 100$$

PROPORTIONAL REPRESENTATION

In some systems, seats are allocated based on the percentage of votes each party receives.



Tally the number of electoral votes (by state)

Democratic Party

Republican Party