HOW TO PRORATE VOTES IN AN ELECTION

To prorate votes, all you need to do is multiply votes cast by the delegate strength of the district, then divide that by the number of eligible votes present.

Example: Number votes (delegate strength) 124

X received 68
Y received 21

Total votes present 89

X = 68 x 124 = 8,432 divided by 89 (# of voters present) = 94.75
Y = 21 x 124 = 2,604 divided by 89 (# of voters present) = 29.25

X and Y must equal total eligible votes 124

OR

124 votes
-89 voters present
35 votes to be prorated

68 votes for X times 35 = 2380 divided by 89 (total votes present) = 26.75
21 votes for Y times 35 = 735 divided by 89 (total votes present) = 8.25

total votes to be accounted for 35.00 votes

X receives 68 votes plus 26.75 votes or a total of 94.75 (95 votes)
Y receives 21 votes plus 8.25 votes or a total of 29.25 (29 votes)

Total 124 votes accounted for