A simple way to decide which choice is best is to give them points based on how people vote for them. However, societies and communities disagree on how many points each vote is worth. We'll compare a few different point systems for deciding amongst three options.

	Plurality	"Soccer"	Daisia's rule	Thomas's rule
1st	1	3	1	3
2nd	0	1	1	2
3rd	0	0	0	1

Example: Let's compare Soccer versus Daisia's rule on a small group:

Alex		Blake		Charlie	
1st	O	1st	O	1st	K
2nd	K	2nd	K	2nd	S
3rd	S	3rd	S	3rd	O

	Soccer	Daisia's rule
Ovid's	⑥	2
K-Lair	5	③
Starbucks	1	1

If we use the Soccer rule, then Ovid's gets 3 points from Alex, 3 from Blake, and none from Charlie. 6 points total. K-Lair gets 1 point from Alex, 1 point from Blake, and 3 points from Charlie. 5 points total. Starbucks gets 1 point for Charlie, and that's it. The group's ranking is Ovid's with 6, K-Lair with 5, and Starbucks with 1.

If we use Daisia's rule, then Ovid's gets 1 point each from Alex and Blake and none from Charlie; K-Lair gets 1 point from everybody; and Starbucks gets 1 point from Charlie. The group's ranking is K-Lair with 3, Ovid's with 2, and Stabucks with 1.

You try: Add up the points and circle the winner under each point system.

	4	3	2	2
1st	O	S	K	S
2nd	K	K	O	O
3rd	S	O	S	K

	Plurality	Soccer	Daisia	Thomas
Ovid's	4	16	8	23
K-Lair	2	13	9	22
Starbucks	2+3 = 5	15	5	21

Which point system chooses the right winner? Why?

Opinion: Both Ovid's and K-Lair are good for lunch. Starbucks is polarized (5 love, 6 hate). Fewer people hate K-Lair than Ovids (2 vs 3), but fewer love it (2 vs 4).
↑
3 vs 4? Maybe Ovid's is happier than sad?

You try: What about this group?

	5	4	3	2
1st	O	S	S	K
2nd	K	K	O	O
3rd	S	O	K	S

	Plurality	Soccer	Daisia	Thomas
Ovid's	5	20	10	29
K-Lair	2	15	11	27
Starbucks	7	21	7	28

Which point system chooses the right winner? Why?

Opinion: Starbucks is still bad (7 love, 7 hate).

4 people hate ovid K vs 5 love it (more love than hate)
3 people hate K-Lair vs 2 love it (more hate than love)

So Ovid's?

Trick for doing point systems:

Count votes first, then do points.

Example

	5	4	3	2
1st	O	S	S	K
2nd	K	K	O	O
3rd	S	O	K	S

← Pref Sched

Count votes first

	1st	2nd	3rd
O	5	3+2	4
K	2	5+4	3
S	4+3	0	5+2

=

	1	2	3
O	5	5	4
K	2	9	3
S	7	0	7

Now we can notice funny things like:
Who got the most 1st place?   S!
Who got the most 3rd place?   S!
So S is a weird choice.

Now Points

	Plur	Sou	D	T
O	5+0+0	15+5+0	5+5	15+10+4
K	2+0+0	6+9+0	2+9	6+18+3
S	7+0+0	21+0+0	7+0	21+0+7

And this agrees with the first page.