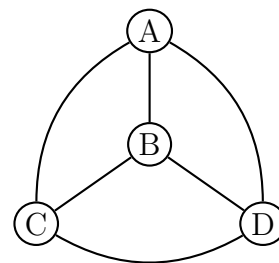Front

For each head-to-head matchup (A vs B, A vs C, ...), calculate who is favored. Draw in the arrows on the picture to show who should beat whom (Win → Lose), and put the "margins" (by how much) on the lines.

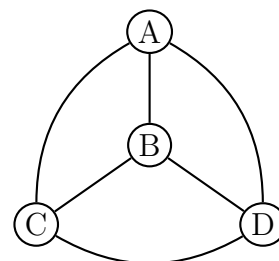|	5	4	2
1st	B	C	A
2nd	A	D	D
3rd	C	A	B
4th	D	B	C

(a) Who is the best? Is there disagreement?

(b) Who is in last place? Why?

(c) If you were writing for C's newspaper, how would you spin the story?

Draw in the arrows and the margins.

	5	3	3
1st	B	C	A
2nd	A	B	D
3rd	C	A	C
4th	D	D	B

(a) Who is the best? Is there disagreement?

(b) Who is in last place? Why?

(c) If you were writing for C's newspaper, how would you spin the story?

Back

Let's work out the winners for this preference schedule. For each method, calculate the points for every candidate and then circle the winner.

	10	7	6	4	4
1st	E	A	D	D	A
2nd	C	C	E	C	C
3rd	B	B	A	A	D
4th	D	E	B	B	B
5th	A	D	C	E	E

(a) Plurality: 1 point for first, none for the rest

(b) Anti-plurality: -1 point for last, none for the rest

(c) Combo: 1 point for first, -1 for last, none for the rest

(d) Borda: 5 for first, 4 for second, 3 for third, 2 for fourth, 1 for last

(or faster: 2 for first, 1 for second, 0 for third, -1 for fourth, -2 for last; then add $3(10 + 7 + 6 + 4 + 4) = 93$ to each score)

(e) Pairwise comparison:

A vs B   A vs C   A vs D   A vs E   B vs C

B vs D   B vs E   C vs D   C vs E   D vs E

Points: A   B   C   D   E