

This worksheet should help you prepare for the first mini-exam. It doesn't have every possible type of question, but it has a good selection. To be sure you're prepared, review all your class notes, worksheets and WeBWork.

Movies showing on Netflix right now include the Dark Knight (D), the Little Prince (L), Evolution (E), and Schindler's List (S). A club president has his members rank these movies in order of preference, with the following results:

	9	2	3	3	3
1 st	L	D	S	S	E
2 nd	D	S	D	D	S
3 rd	E	E	E	L	D
4 th	S	L	L	E	L

1. If we use the **Plurality method**, which movie will the club see?

2. If we use the **Borda count method**, how many Borda points does the movie Schindler's List (S) get? Show your work, not just the final answer.

3. If we used the **Method of Pairwise Comparisons**, find the winner of each of these matchups (if it is a tie, state so). Show a bit of work. (You do not need to finish by computing the pairwise points.)

L vs D:	D vs. E:
L vs. E:	D vs. S:
L vs. S:	E vs. S:

4. Does this election have a **Condorcet candidate**? If so, which? If not, why?

5. Does this election have a **Majority candidate**? If so, which? If not, why?

