Wheaton (hypothetically) has just received a $500 million gift.

The three options with most support are:

A. Renovate all academic buildings
B. Renovate all campus dorms
C. Eliminate student loans from all aid packages

The committee members rankings are

10	$A > B > C$	6	$C > B > A$
0	$A > C > B$	3	$B > C > A$
6	$C > A > B$	6	$B > A > C$

What do we do with the money?

Work on these with your partner(s) at the board

Consider the profile

29	$A > B > C$	15	$C > B > A$
2	$A > C > B$	26	$B > C > A$
13	$C > A > B$	1	$B > A > C$

1. Calculate the rankings using plurality, plurality with runoff, antiplurality, the Borda Count, and pairwise elections.

2. Modify the profile by moving voters from one region to another so that the plurality, runoff, and Borda Count rankings stay the same, but now B is the Condorcet winner.

Use the same profile from the other side.

3. Calculate the following points on the representation triangle:
   q_0, the plurality point, q_1, the anti-plurality point, $q_{1/2}$, the Borda count point
4. Show that q_0, q_1, and $q_{1/2}$ are collinear
5. Calculation the point on the representation triangle that corresponds to using weights $(8, 3, 0)$. Show this point also lies on the same line