

Unit 6 Day 4

Review

Warm Up Day 4

Pick up your warm-up sheet AND set it up with the table format!

1)

- Freshmen get 3 votes.
- Sophomores get 5 votes.
- Juniors get 7 votes.
- Seniors get 8 votes.
- A winning coalition must have 6 votes.

a) What are all the possible coalitions?

b) Of these coalitions which ones are winners?

c) What is the Power Index for each grade level?

Freshmen _____ Juniors _____
Sophomores _____ Seniors _____

d) Who are the dictators or dummies?

Warm Up ANSWERS

1)

- Freshmen get 3 votes.
- Sophomores get 5 votes.
- Juniors get 7 votes.
- Seniors get 8 votes.
- A winning coalition must have 6 votes.

{F; 3}, {So; 5}, {Jr; 7}, {Sr; 8}, {F, So; 8}, {F, Jr; 10},
{F, Sr; 11}, {So, Jr; 12}, {So, Sr; 13}, {Jr, Sr; 15},
{F, So, Jr; 15}, {F, So, Sr; 16}, {So, Jr, Sr; 20},
{F, Jr, Sr; 18}, {F, So, Jr, Sr; 23 }, {none; 0}

a) What are all the possible coalitions?

b) Of these coalitions which ones are winners?

{Jr; 7}, {Sr; 8}, {F, So; 8}, {F, Jr; 10}, {F, Sr; 11}, {So, Jr; 12},
{So, Sr; 13}, {Jr, Sr; 15}, {F, So, Jr; 15}, {F, So, Sr; 16},
{So, Jr, Sr; 20}, {F, Jr, Sr; 18}, {F, So, Jr, Sr; 23 }

c) What is the Power Index for each grade level?

Freshmen 1 Juniors 3
Sophomores 1 Seniors 3

d) Who are the dictators or dummies?

None! No one is essential in **all** or **none** of the winning coalitions!

Tonight's HW =
Quiz Review on Packet p. 7-8
(Section 1.1-1.5)



Group Ranking Methods

1. Plurality
2. Majority
3. Runoff
4. Sequential Runoff
5. Borda
6. Condorcet
7. Approval

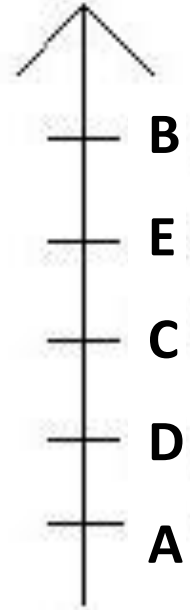
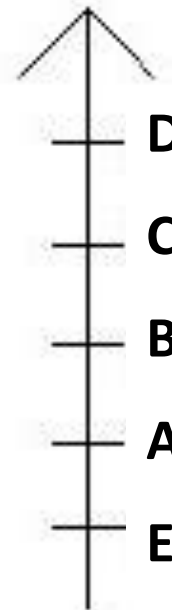
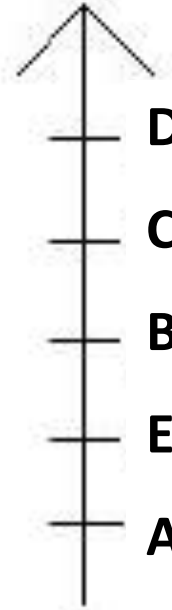
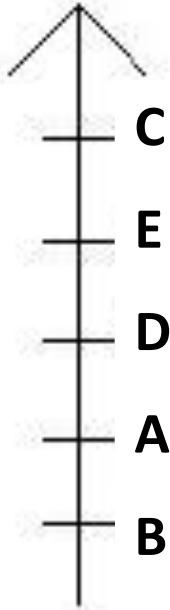
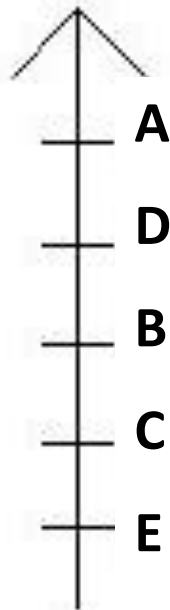
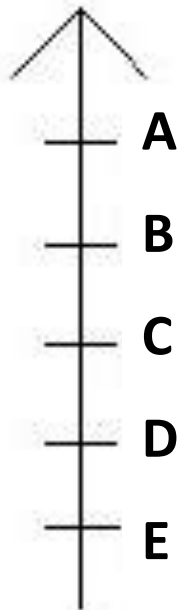


Review

1) Give the winner – with amount – for each method below.

Plurality, Majority, Runoff, Sequential, Borda , Condorcet, Approval

For approval, the top 3 votes were approved.



Votes: 5

3

6

3

4

2

Plurality:

Majority:

Borda:

Runoff:

Seq. Runoff:

Condorcet:

Approval:

Work on Quiz Review Packet p. 7-8 & Test Unit 5 Corrections

On Notebook Paper

- Title the page
 - Use the table format (see side board)
 - Ask Questions!
 - Remember to put your name on it!!
 - **Staple Corrections ON TOP of your test!**
- **If you'd like to work more on your corrections, bring me your phone!! 😊**

Tonight's HW =
Quiz Review on Packet p. 7-8
(Section 1.1-1.5)

