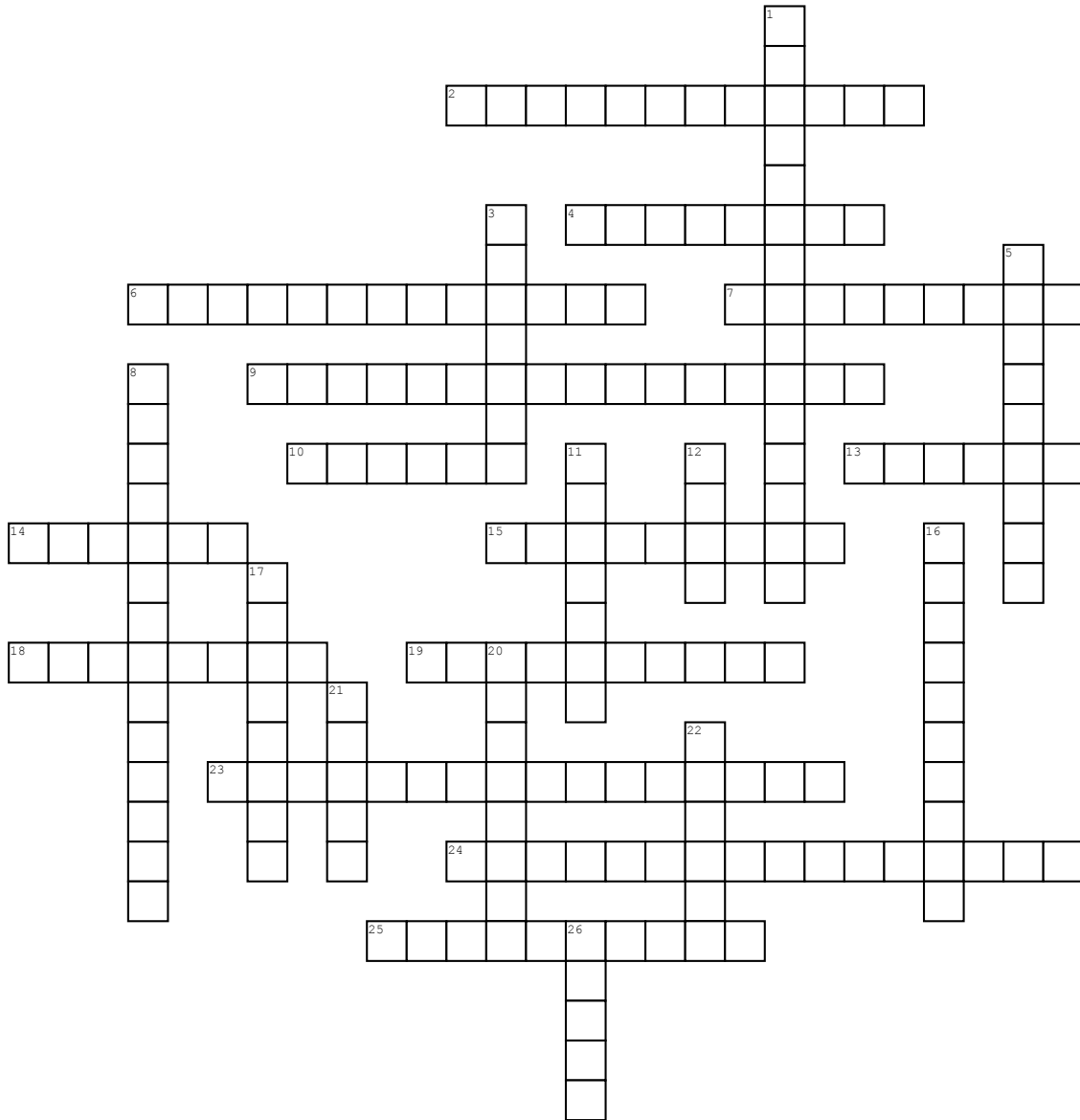


Name: _____

Date: _____

Period: _____

Discrete Math



Across

- 2. used to describe any formal voting arrangement.
- 4. doesn't have a sum.
- 6. a person who contributes the votes that makes a losing coalition and turns it into a winning coalition.
- 7. has a sum.
- 9. ballot which the voters are asked to rank the candidates.
- 10. the sum of a sequence.
- 13. stops.
- 14. based on yes or no votes.
- 15. a set of voters who vote the same way.
- 18. the closed formula.

- 19. a chain of numbers whose sum is equal.
- 23. the difference between the second and first number in a sequence.
- 24. someone who has enough votes to win.
- 25. the end apportionment is smaller than the lower-quota.

Down

- 1. someone who doesn't have enough votes to win.
- 3. the voters.
- 5. a chain of numbers whose product is equal.
- 8. coalition must have critical player's vote to win.

- 11. if the quota is too small, a tie may happen.
- 12. when a player cannot pass a motion on its own.
- 16. the end apportionment is bigger than the upper-quota.
- 17. if the quota is too high, there's no possibility of passing a motion.
- 20. doesn't stop.
- 21. a player with no real power.
- 22. every player controls a specific number of votes.
- 26. least number of votes that are required to pass a motion.