# YMS Ch6: Probability
## AP Statistics at LSHS
## Mr. Molesky
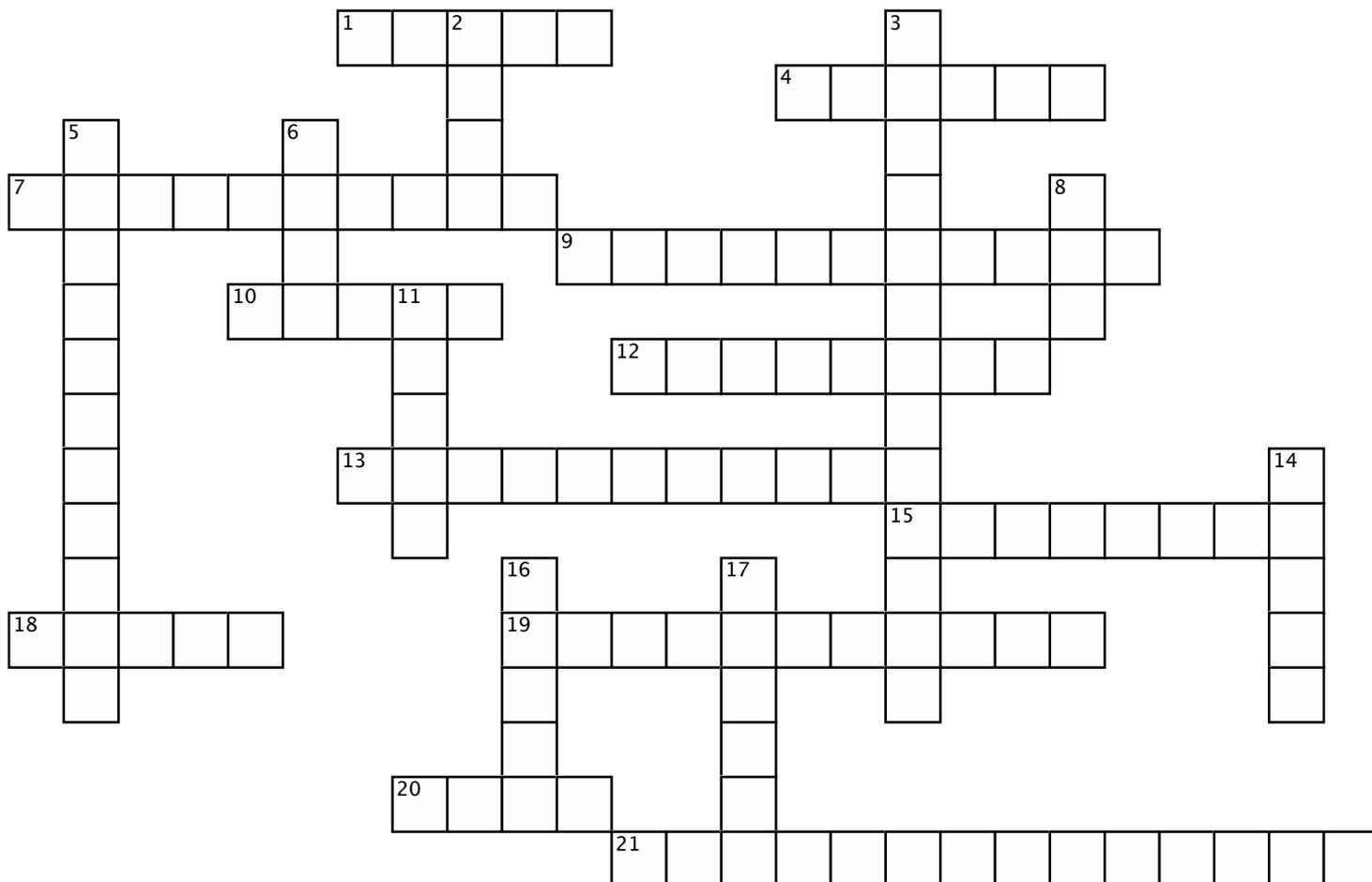
## Across

1. How we read "|"
4. "_" is not a synonym for "haphazard"
7. The event that a particular event does not occur
9. Sampling without this affects independence
10. A mathematical description of a random phenomenon
12. Events that have no outcomes in common
13. The outcome of one trial does not influence the outcome of any other...
15. P(A or B) can be found using this rule
18. Rule that can be used in certain conditional situations
19. The proportion of times an outcome would occur in a long series of repetitions
20. Diagram used to help illustrate the multiplication principle
21. P(A and B) can be found using this rule

## Down

2. Diagram that helps illustrate disjoint events and complements
3. Chance behavior is _ in the short run.
5. Probability of an event given another event has occured
6. Minimum probability
8. Maximum probability
11. Any outcome or set of outcomes of a random phenomenon
14. The event that at least one of a collection of events occurs
16. Sample _: the set of all possible outcomes
17. Not only affiliated with a triangle. but also probability theory