Definition –1. Laplace

* 2. Conditional Probability

P(blak|black V1)\*p(BV1) +P(black|blackv2)\*p(bv2)

\* CANT BE #>1 mention that is a wrong answer

Rule – 3. Addition

* 4. Bayes

5. Probability mass function

* 6. Extended to negative - 7. Distribution fn can’t be <1

8. Geometric Distribution

Var(3x) is to the power of 3

9. Conditional probability

Ex=P(x=1,0,-1)

10. Conditional expectation

11. Hyper Geometric table

12. -continuous distribution Integrals

13. -density fn

14. Distribution fn integral add dx

15. Covariance and Inequalities

O even Ex Ey 16. Binomial Distribution

1 odd N=2 P2

P(y=0)=p(x=0 vx=2) Exy all cominations

17. Random Walk ->calculate matrix \*3 by itself