

Name: _____

13 Questions About "21"

Please complete the following questions thoroughly and neatly while watching the movie "21." Reflect back on our previous unit on probability.

1. Which school do the students involved in counting cards attend?
2. During the scholarship interview, what did the interviewer want from the applicant in order to be chosen?
3. What numbers appeared on Ben's birthday cake in order to reflect his birthday age?
4. The first classroom scene shows Ben in his "Non-Linear Equations" class. Name 3 non-linear equations.
5. Explain how black-jack is a beatable card game.
6. What is the count for "magazine?"
7. How much cash are they bringing to Vegas on the first trip shown in the movie?

8. Give a general description of what “count” means? Ben explains during his first time gambling in Vegas.

9. Why is Fischer kicked off the team?

10. Why did Professor Rosa stop playing?

11. What did the mathematician Cauchy do that Ben accuses Professor Rosa of doing analogously?

12. In his final monologue, Ben remembers something Professor Rosa said in class. What is this quote?

“Always account for _____”

13. Follow-up to #12, how can you attune this concept to the Bible and as Christians, what we should remember about our God given life?

Bonus. What band sings the song at the end of the movie? _____