Categorize each of the following research questions as "good" or "bad", and provide alternative formulations for the bad ones. Save your responses in a document of some kind, submit a link below, and discuss your reasoning with your mentor.

1. What is the 1994 rate of juvenile delinquency in the U.S.?
2. What can we do to reduce juvenile delinquency in the U.S.?
3. Does education play a role in reducing juvenile delinquents' return to crime?
4. How many customers does AT&T currently serve in Washington, DC?
5. What factors lead consumers to choose AT&T over other service providers?
6. How can AT&T attract more customers?
7. Why did the Challenger Shuttle explode?
8. Which genes are associated with increased risk of breast cancer?
9. Is it better to read to children at night or in the morning?
10. How does Google’s search algorithm work?
11. Good – if you create a quantitative definition of “delinquency” such as rate of arrests or days absent from school.
12. Bad – Needs to be more specific: Does \*insert treatment here\* reduce the \*arrests, absences, etc\* of juveniles in the U.S. in the course of a year?
13. Good – if you define education in a measurable way such as GPA, standardized test scores, or even attendance and be specific about what is meant by “crime” e.g. arrests or charges.
14. Good – very straightforward.
15. Ok – Needs to be more specific in which factors to measure and be more detailed about how to determine choice over another company: Do factors A, B, and C increase customer conversion from other companies in a 3 month time frame? Or – In the survey given over the past month what top 5 factors do customers indicate are their reasons for choosing AT&T over other companies?
16. Bad – Needs to be more specific: Does \*changed or new treatment\* attract more customers over a period of 4 weeks?
17. Bad – Needs to be more specific: What factors on the day of the Challenger Shuttle launch were different enough from other successful launches to create circumstances of duress enough to cause the explosion?
18. Good – but could be more specific as to which genes of interest: Does \*gene\* affect breast cancer risk?
19. Good – ‘better’ should be flushed out: Do children aged \*# or range\* remember stories better if read at night or in the morning.
20. Bad – needs to be more specific  
    : Does Google’s search engine use \*method\*?