Name _____

- 1. Why did race die on June 26, 2000?
- 2. What are the two points you can make about race and genetics?
- 3. Describe how the serial killer case in Louisiana in 2002-03 used DNA to change the type of suspect for which the police were looking.
- 4. How long would it take you to recite every letter in your genome at one letter per second?
- 5. If you were to recite your genome alongside someone else, how long until a difference in DNA would appear?
- 6. Where and when does the evidence say the human race originated? How many people were present at that time?
- 7. How many variations in DNA have been identified that indicate ancestry?
- 8. List Jad Abumrad's ancestry and percentages based on his DNA test.
- 9. What one factor or phenotype can be read directly from DNA?
- 10. What results came back from Wayne Joseph's DNA test?
- 11. In five to eight sentences, discuss the different responses from Wayne's relatives concerning his DNA test results.

12. How do you think you would react if your DNA test came back with surprising results, indicating your ancestry was not what you had always believed it to be?

Name _____

- 13. Why did the FDA deny approval of Dr. Jay Cohn's drug?
- 14. What race responded significantly better to Bidal in trials?
- 15. What country had the highest rate of hypertension in the trial testing 85,000 people from eight different countries?
- 16. What country had the lowest rate of hypertension?
- 17. What is the biggest factor of hypertension?
- 18. What do you think should be the next step for Bidal?
- 19. Do you agree with Malcolm that it's not genetics but how much you desire to win that makes the difference in athletics? If you don't, why not?
- 20. If you were asked your race, would you identify yourself by a country or one of the four major categories: Caucasian, African, Asian, Native American?
- 21. How do you think people of mixed descent should describe their "race?" (For example, my son Ethan is half white and half Asian Indian)
- 22. Ali Abbas asks how this country (USA) can hold it together where so many diverse people live together in peace. Do you think we have peace in this country? If you do, how is this possible? If you don't, give examples that support your view that humans of different backgrounds to not live peacefully together in America.