

Name _____ Date _____

"Bill Nye: Genes" Video Worksheet

1. Where do your genes come from?
2. What is inside every cell in your body?
3. How does Bill define a Gene?
4. Why is the white blood cell dark on the computer screen?
5. What can you do with DNA after you take it out of an organism?
 - a.
 - b.
6. What do genes do?
7. How many genes to humans have?
8. What do cells in the body not need to do? _____
9. Most species have fewer than _____ chromosomes but thousands and thousands of genes
10. The number of cells needed to make a baby is: _____
11. A _____ is a piece of the _____ molecule
12. The number of chromosomes that a mule foal has is _____
13. The number of chromosomes that a horse has is _____
14. The number of chromosomes that a donkey has is _____
15. In the demonstration, the _____ gene for rolling your tongue is represented by the letter "R"
16. In the demonstration, the _____ gene for rolling your tongue is represented by the letter "r"
17. If a person has the pattern RR, then the person _____ roll their tongue
18. If a person has the pattern Rr, then the person _____ roll their tongue
19. If a person has the pattern rr, then the person _____ roll their tongue