

# Heredity: Our Genetic Background Reading Assignment

Biology and Behavior

Page 1 of 3

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

---

Read pages 69-72 in the textbook and answer the following questions.

1. What is **heredity**?
  
2. List **five physical traits** that people inherit.
  - a)
  - b)
  - c)
  - d)
  - e)
  
3. Do you think we can inherit **psychological traits**? *Explain why or why not.*
  
4. Where are our genes located?
  
5. Following are the 23<sup>rd</sup> pairs of chromosomes from two people. Based only on this information, what do we know about them? Write your answer below them.

*Person 1: X X Person 2: X Y*
  
6. What is different about the chromosomes of someone with **Down syndrome**?
  
7. What is meant by the “**nature-nurture debate**?”
  
8. If a person is an **extreme supporter of the “nature” side**, what does this mean? How would they view human behavior?

# Heredity: Our Genetic Background Reading Assignment

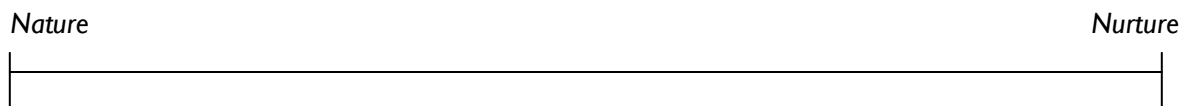
Biology and Behavior

Page 2 of 3

9. How would an **extreme “nurture” supporter** differ in their view of human behavior?

10. Where do you place **yourself** on the nature-nurture issue?

Place an “X” on the line closest to where you think you are on that dimension. For example, someone with an extreme “nature” view mark an “X” far to the left.



Explain why you think this. What could make you change your mind?

11. What are **kinship studies** and what are they used for?

12. What type of kinship studies seem to be the **best for studying nature-nurture**? Why?

13. Give an example of a psychological trait that appears to be **inherited**. What is the **evidence** for this?

