

NAME _____ HOUR _____

HEREDITY OR ENVIRONMENT?

There are many factors that influence the development of a child. In the blanks below, place an "H" if the factor is influenced by heredity, an "E" if the factor is influenced by the environment, and "B" if the factor is influenced by both the environment and heredity.

- H 1. Color of hair
- H 2. Color of eyes
- H 3. Color of skin
- B 4. General health of the baby
- B 5. Personality traits of the child
- H 6. Strength of eyesight
- B 7. Physical strength
- E 8. Relationships with family
- E 9. Relationships with friends
- E 10. Level of education
- H 11. Sex
- H 12. Body type
- B 13. Weight
- E 14. Religious involvement
- B 15. IQ
- H 16. Height
- H 17. Blood type
- H 18. Defects passed on from parents

Read the following case study and list the various influences in the spaces provided.

Sammy has brown eyes and is five-years-old. She attends a neighborhood preschool every day. Her teachers have fallen in love with her witty personality and honey-colored hair. She is very intelligent and does well with the tasks assigned her. Sammy's parents are divorced and she misses her father very much. Sammy has juvenile arthritis and must see the doctor often. At her last doctor's visit, the doctor reminded Sammy's mom that diabetes has run in her family for several generations and that Sammy should be watched closely for any early symptoms of diabetes. Sammy's growth chart shows that she will probably be small for her age.

Hereditary influences:

BROWN EYES, HONEY-COLORED HAIR, JUVENILE ARTHRITIS,
DIABETES, SMALL FOR AGE.

Environmental influences:

WITTY PERSONALITY, COMPLETES TASKS, TEACHERS LIKE HER.