

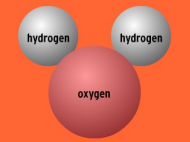
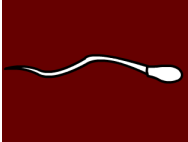


**1. What is heredity?**

- A. A kind of genetic disorder
- B. The way that DNA divides
- C. A trait you inherit from your parents
- D. The passing down of traits from parents to children

**2. Which of the following depicts a molecule of DNA?**

A.  B. 

C.  D. 

**3. What is the relationship between DNA and chromosomes?**

- A. Chromosomes are made out of DNA
- B. DNA is made out of chromosomes
- C. DNA and chromosomes are the same thing
- D. DNA forces chromosomes to mutate

**4. How many pairs of chromosomes exist in each of your cells?**

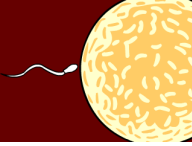
- A. 10
- B. 12
- C. 19
- D. 23

**5. Why are your chromosomes arranged in pairs?**

- A. Scientists aren't sure
- B. Because you get one from your mother, and one from your father
- C. Because pairs are able to divide more easily
- D. Because DNA has a double helix structure

**6. Which of the following statements is true?**

- A. Your set of DNA is the same as your siblings'
- B. Your set of DNA is the same as your mother's
- C. Your set of DNA is the same as your father's
- D. Your set of DNA is unique to you

**7.  How are these cells different from other cells?**

- A. They have double the normal amount of genes
- B. They have half the normal amount of genes
- C. They have no genes
- D. They have triple the normal amount of genes

**8. Besides genetics, what other factors are responsible for how you will grow and develop?**

- A. How you treat other people
- B. How hard you study for school
- C. Nutrition and environment
- D. What your parents look like

**9. Curly hair is dominant, and straight hair is recessive. If a curly-haired man has a baby with a straight-haired woman, what will happen?**

- A. The baby will definitely have curly hair
- B. The baby will definitely have straight hair
- C. The baby will probably have curly hair
- D. The baby will probably have straight hair

**10. Which of the following is completely determined by your genes?**

- A. Your weight
- B. Your bone structure
- C. Your personality
- D. Your intelligence