

Name: _____

“Heredity” Unit Test

1. What fraction of your genes came from your mother?
 - A. 1/4
 - B. 1/3
 - C. 1/2
 - D. 3/4

2. Which factors determine our characteristics, or traits?
 - F. Genes and environment
 - G. Cells and tissues
 - H. Genes and cells
 - J. Cells and environment

3. How many chromosomes do most human cells contain?
 - A. 1
 - B. 23
 - C. 46
 - D. 30,000

4. Inherited information is carried in your DNA molecules, which are located in the _____ of your cells.
 - F. cell membrane
 - G. vesicles
 - H. cytoplasm
 - J. nucleus

5. Each DNA molecule in an organism contains --
 - A. several chromosomes
 - B. many genes
 - C. many cells
 - D. one gene

6. Heredity is the passing on of _____ from parent to offspring.
 - F. cells
 - G. diseases
 - H. education
 - J. traits

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