19 In Your Genes

A. Fill in the blanks.

1. _____ are unique to each person, even identical twins.
2. _____ was the first cloned sheep.
3. DNA, one of the largest known molecules, consists of two long thin strands that are wound around each other to form a spiral. This special structure is called a _____ .
4. A chromosome is a molecule that controls _____ .
5. In the nucleus of each cell, the DNA molecule is packaged into thread-like structures called _____ .
6. Unless you have an _____ twin, your DNA is unique.
7. _____ is stored in the cell nucleus.
8. _____ is a liquid tissue.

B. Write 'T' for True and 'F' for False.

1. Genes exist in our cells.
2. All genes of a person are equally dominant.
3. Humans usually have 48 chromosomes.
4. In genetics, cloning is the process of creating an organism that is an exact replica of another.
5. The cell is the smallest self-contained living unit.

True FACT

Francis Crick and James Watson began to find out the basics of how genes work and how they copy themselves, in 1953. They discovered the structure of DNA, which works like a computer program that stores all the information about how to make a cell.

HELP LINE

chromosomes, identical, double helix, fingerprints, blood, heredity, Dolly, DNA

LIVEWORKSHEETS