

Date _____ **Class** _____ **Name** _____

1) Each one of the following sentences contains a mistake. Find it and write a correct sentence (sometimes more than an alternative is possible):

1. DNA has a form similar to that of a single helix.

2. The name DNA stands for ribonucleic acid.

3. In DNA there are 8 different types of bases.

4. DNA molecules are very short.

5. Diploid human cells contain 23 chromosomes.

6. The daughter cells resulting from meiosis are identical to each other.

7. Mutations in the genetic code are rare in human cells.

8. Identical twins are genetically different.

2) Order the letters to make a word that fits the definition:

aegmt	_____	: A reproductive cell having the haploid number of chromosomes.
aeginnu	_____	: A component of DNA forming a base pair with cytosine.
cehmmooors	_____	: A linear strand of DNA that carries the genes in the transmission of hereditary information
iimosst	_____	: The process in cell division by which the nucleus divides and normally resulting in two new nuclei, each of which contains a complete copy of the parental chromosomes.
eiimoss	_____	: The process of cell division in sexually reproducing organisms that reduces the number of chromosomes in reproductive cells from diploid to aploide.
icdeelnotu	_____	: the basic building block of DNA