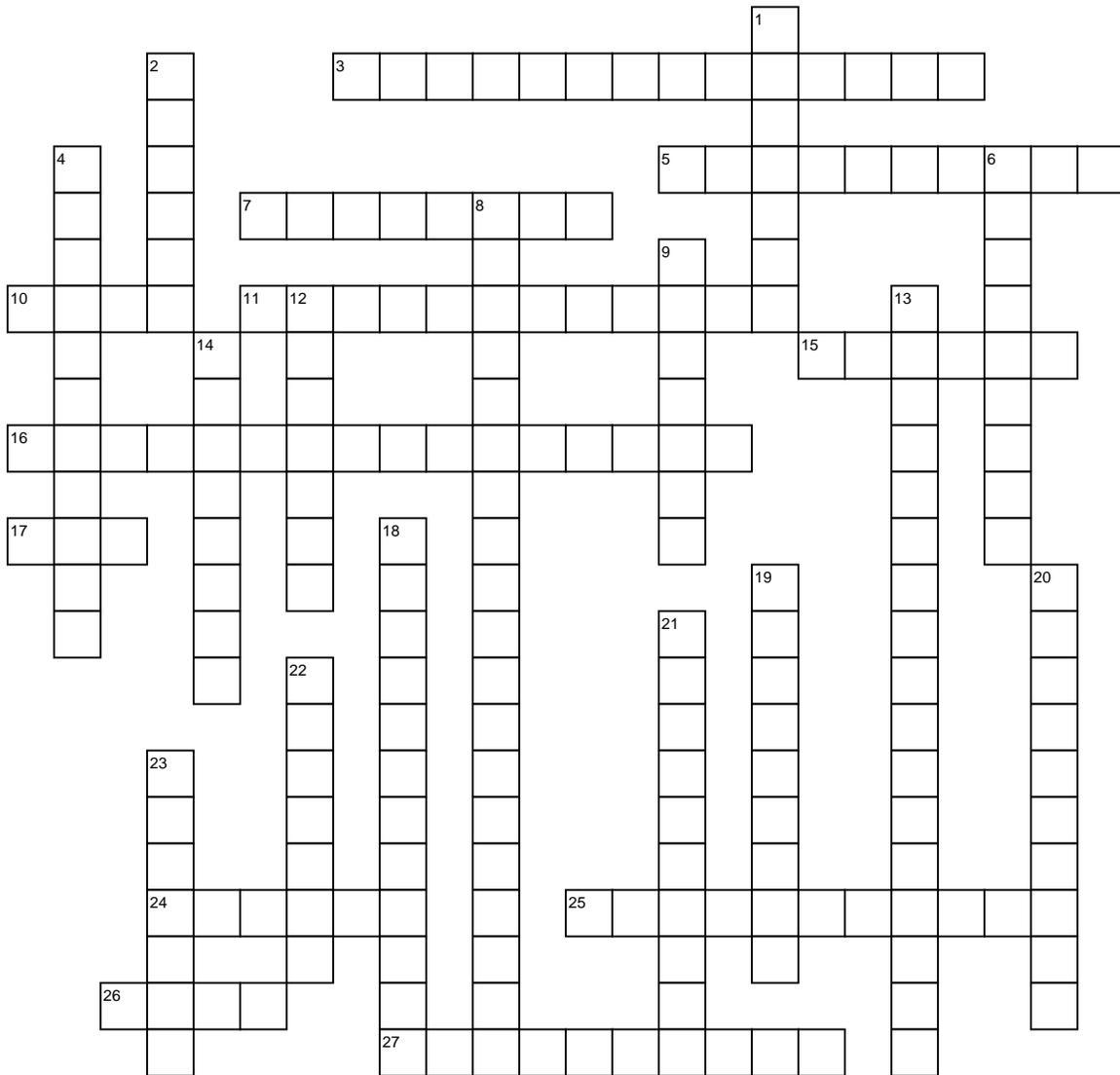


Biology Class

Chapter 1



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ACROSS

- 3 is a heredity disease that is fatal and causes a thick, sticky mucus that clogs passages in body organs
- 5 is the sum of all of the chemical reactions carried out in an organism
- 7 A change in the DNA can cause this
- 10 It is the basic unit of heredity. genes are coded in a molecule called DNA
- 11 the process by which organisms make more of their own kind from one generation to the next
- 15 is a set of related hypotheses that have been tested and confirmed many times by many scientists. It unites and explains a broad range of observations
- 16 individuals with genetic traits that better enable them to survive and reproduce are referred by this
- 17 a virus that attacks and destroys the human immune system
- 24 a growth defect in cells, a mechanism that controls cell division
- 25 it is the maintenance of stable internal conditions in spite of changes in the external environment
- 26 are highly organized, tiny structures with thin coverings called membranes
- 27 is the expected outcome of a test, assuming the hypothesis is correct

DOWN

- 1 an organic compound that is made of 1 or more chains of amino acids and that is a principal component of all cells
- 2 is the complete genetic material contained in an individual
- 4 is the act of noting or perceiving objects or events using your senses
- 6 what you conclude or understand about information
- 8 refers to the factor that is changed within an experiment
- 9 the study of life
- 12 this is the branch of biology that studies the interactions of organisms with one another and with the nonliving part of their environment
- 13 refers to the variable that is measured within an experiment
- 14 it is the passing of gene traits from parent to offspring
- 18 is a group within an experiment that receives no experimental treatment
- 19 this is the change in the inherited traits of species over generations
- 20 is an explanation that might be true - a statement that can be tested by additional observations
- 21 a planned procedure to test a hypothesis
- 22 latin for 'to know'
- 23 these are a group of genetically similar organisms that can produce fertile offspring