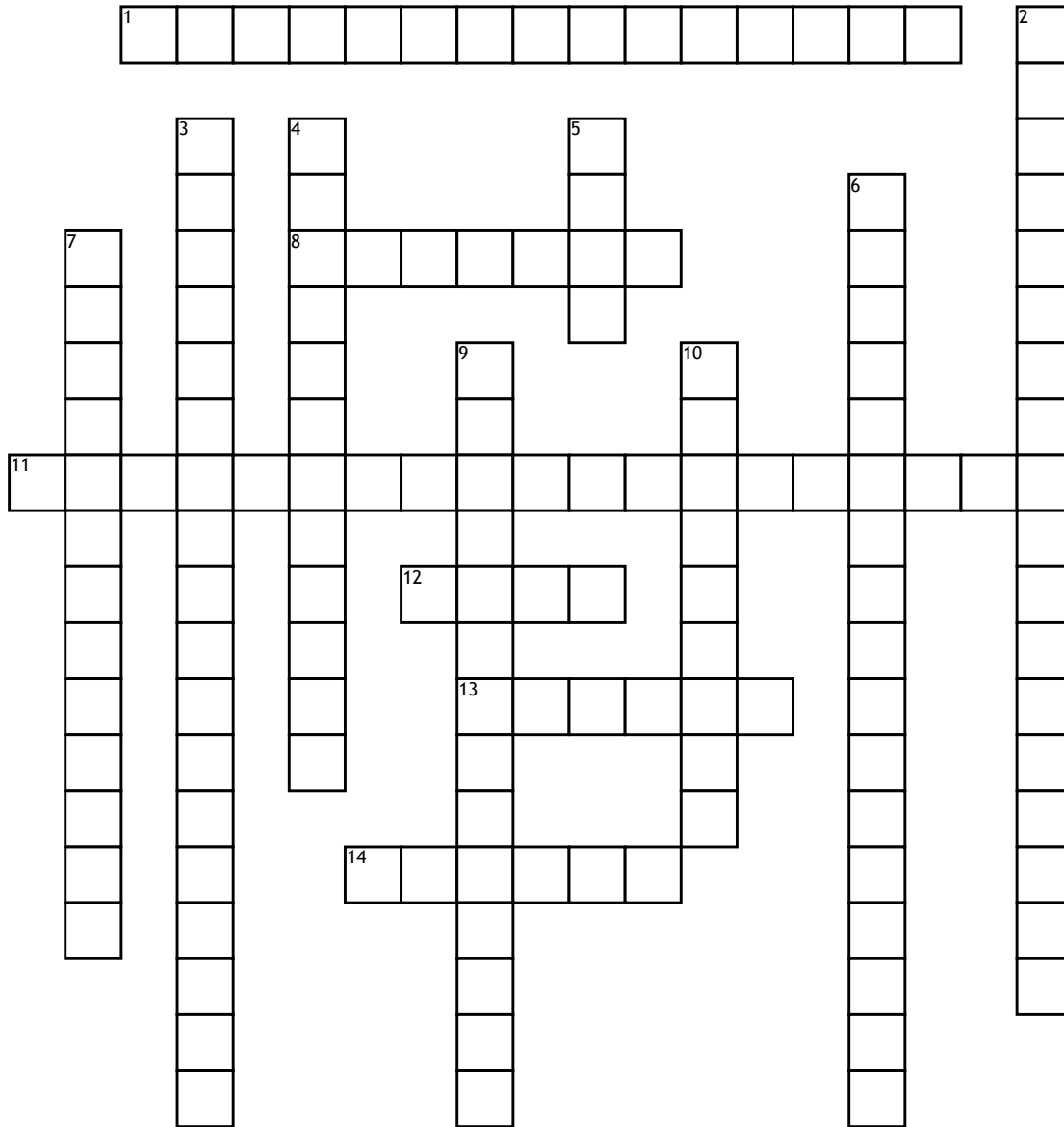


Name: \_\_\_\_\_

# Biotechnology



## Across

1. The application of various types of sciences in order to answer questions for the legal system.
8. The process of asexually producing a cell, group of cells, or organism that is produced asexually from and is genetically identical to a single ancestor.
11. The process of forcing genes from one species into another entirely unrelated species.
12. The smallest structural unit of living organisms that is able to grow and reproduce independently.
13. What is the discipline dealing with what is good and bad and with moral duty and obligation.

14. The liquid part of blood, which contains a mixture of water, mineral salts, proteins and nutrients

## Down

2. The process of manually adding new DNA to an organism.
3. An organism whose genetic characteristics have been altered by the insertion of a modified gene or a gene from another organism using the techniques of genetic engineering.
4. Standard laboratory equipment used to measure and transfer small volumes of liquids
5. A unit of heredity information.

6. The intentional mating of two animals in an attempt to produce offspring with desirable characteristics or for the elimination of a trait.
7. The use of living organisms to solve problems and make useful products.
9. The use of either naturally occurring or deliberately introduced microorganisms or other forms of life to consume and break down environmental pollutants, in order to clean up a polluted site.
10. The building block of proteins. There are 20 different types.