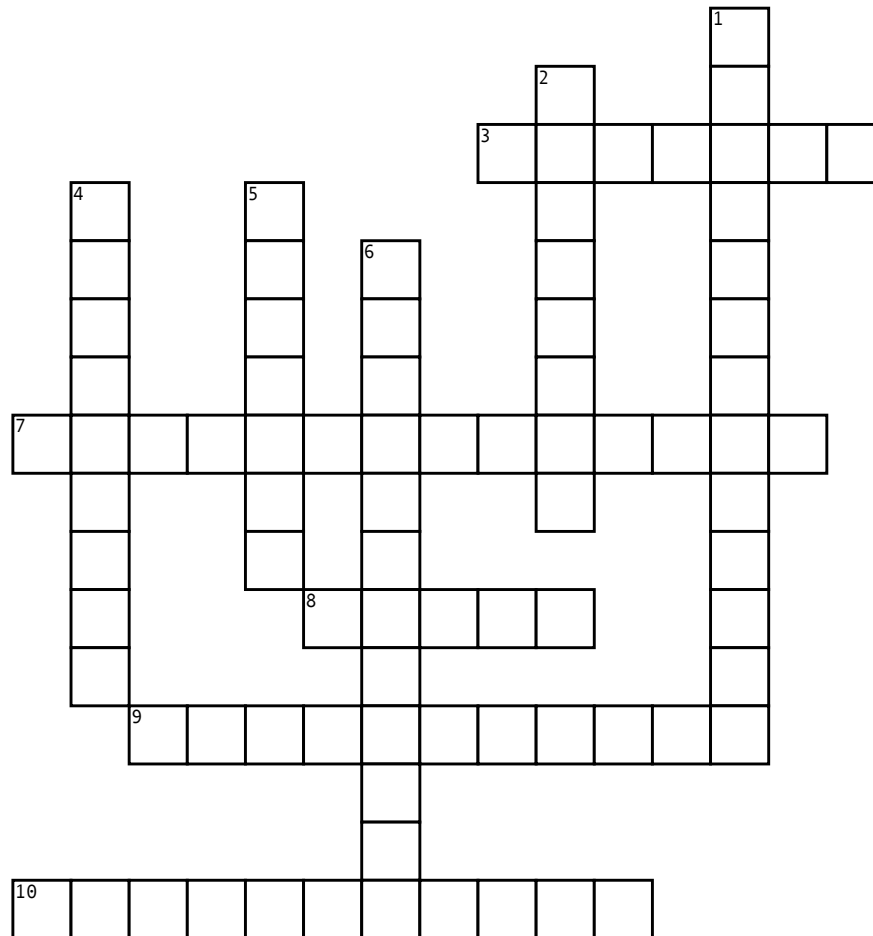


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Biotechnology



## Across

3. the haploid set of chromosomes in a gamete or microorganism, or in each cell of a multi cellular organism

7. new combinations of genetic material

8. an organism or cell, or group of organisms or cells, produced asexually from one ancestor or stock, to which they are genetically identical.

9. the transplantation of normal genes into cells in place of missing or defective ones in order to correct genetic disorders

10. genetic material has been altered using genetic engineering techniques

## Down

1. the exploitation of biological processes for industrial and other purposes, especially the genetic manipulation of microorganisms for the production of antibiotics, hormones,

2. a compound or preparation used for the treatment or prevention of disease, especially a drug or drugs taken by mouth

4. a member of a large group of unicellular microorganisms that have cell walls but lack organelles and an organized nucleus, including some that can cause disease.

5. a genetic structure in a cell that can replicate independently of the chromosomes, typically a small circular DNA strand in the cytoplasm of a bacterium or protozoan

6. the science or practice of farming, including cultivation of the soil for the growing of crops and the rearing of animals to provide food, wool, and other products.