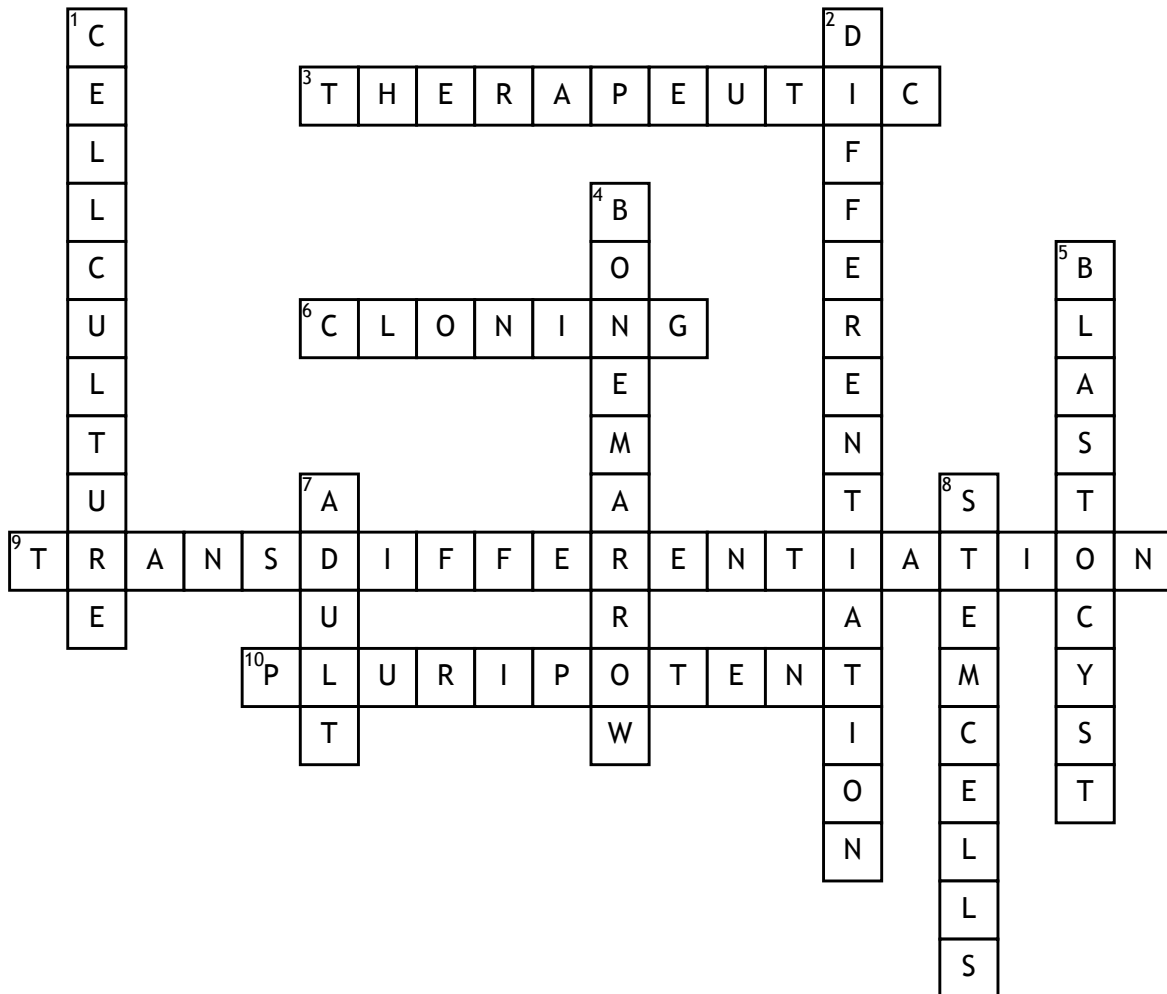


Name: \_\_\_\_\_

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

# Advanced Biology



## Across

3. \_\_\_\_\_ Cloning produces embryonic stem cells for experiments aimed at creating tissues to replace injured or diseased tissues
6. Process that can be used to produce genetically identical copies of a biological identity
9. process in which one mature somatic cell transforms into another mature somatic cell without undergoing an intermediate pluripotent state
10. A type of stem cell capable of giving rise to several different cell types

## Down

1. Growth of cells in vitro in an artificial medium for experimental research
2. The process of creating specialized cells from unspecialized stem cells
4. Hematopoietic stem cells are blood forming cells located in \_\_\_\_\_
5. A 3 to 5 day old embryo that can give rise to the entire body of the organism
7. Non embryonic stem cells are also called
8. Types of cells that have the potential to develop into many different cell types