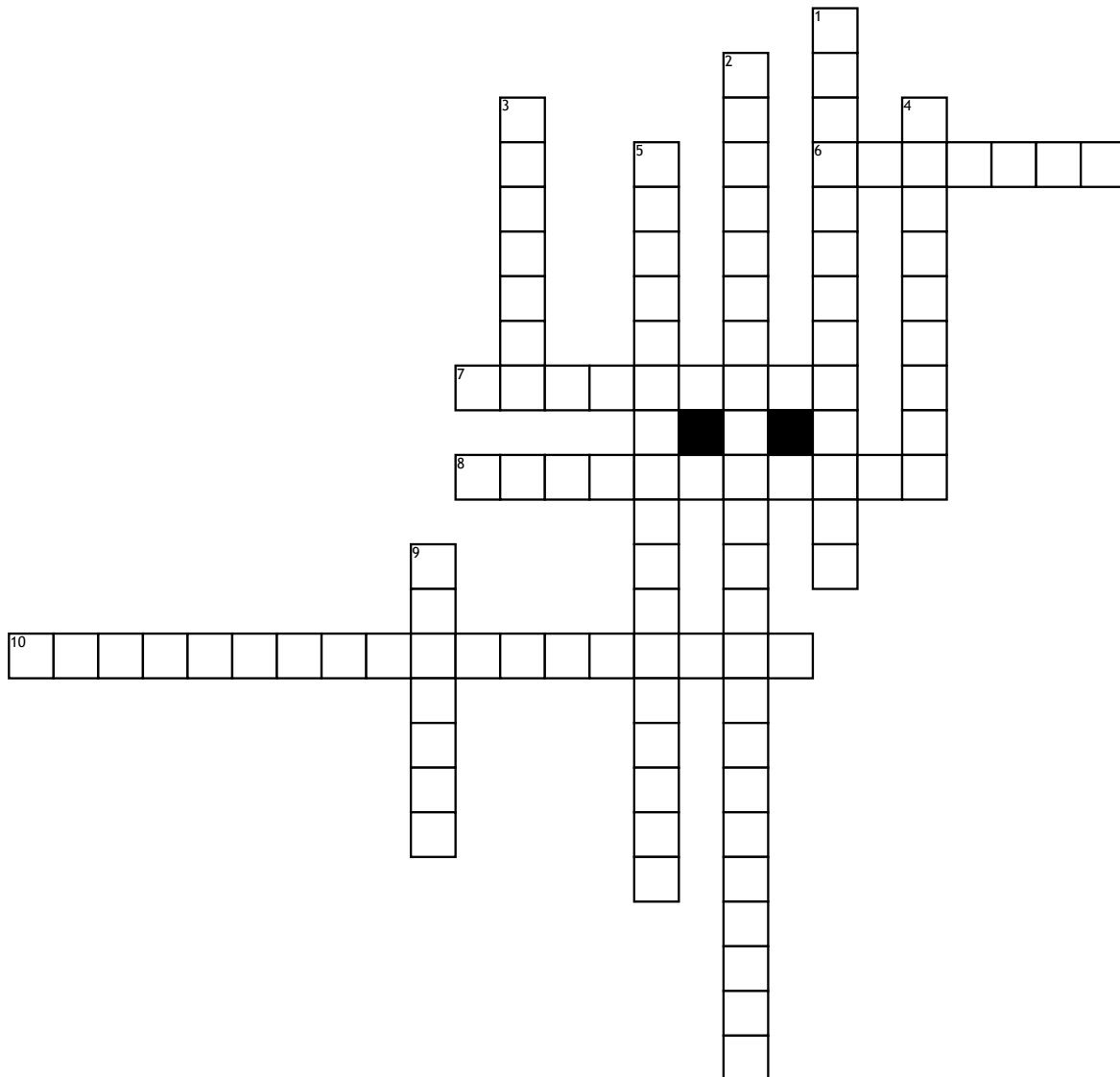


Name: _____

Date: _____

Applications of Biotechnology



Across

- 6.** a small, circular DNA in bacteria. It can replicate independently of the bacterial chromosome
- 7.** responsible for joining the plasmid and the target gene together
- 8.** a technique of biotechnology which is to treat and diagnose disease
- 10.** Separates DNA fragments by size or by charge

Down

- 1.** enzyme which makes a copy of the DNA during DNA replication
- 2.** Copies & amplifies small quantities of DNA
- 3.** Hermon type regulates sugar metabolism in human
- 4.** kind of test used in forensic investigations
- 5.** used to cut out the target gene and cut open the plasmid
- 9.** does not involve restriction enzymes