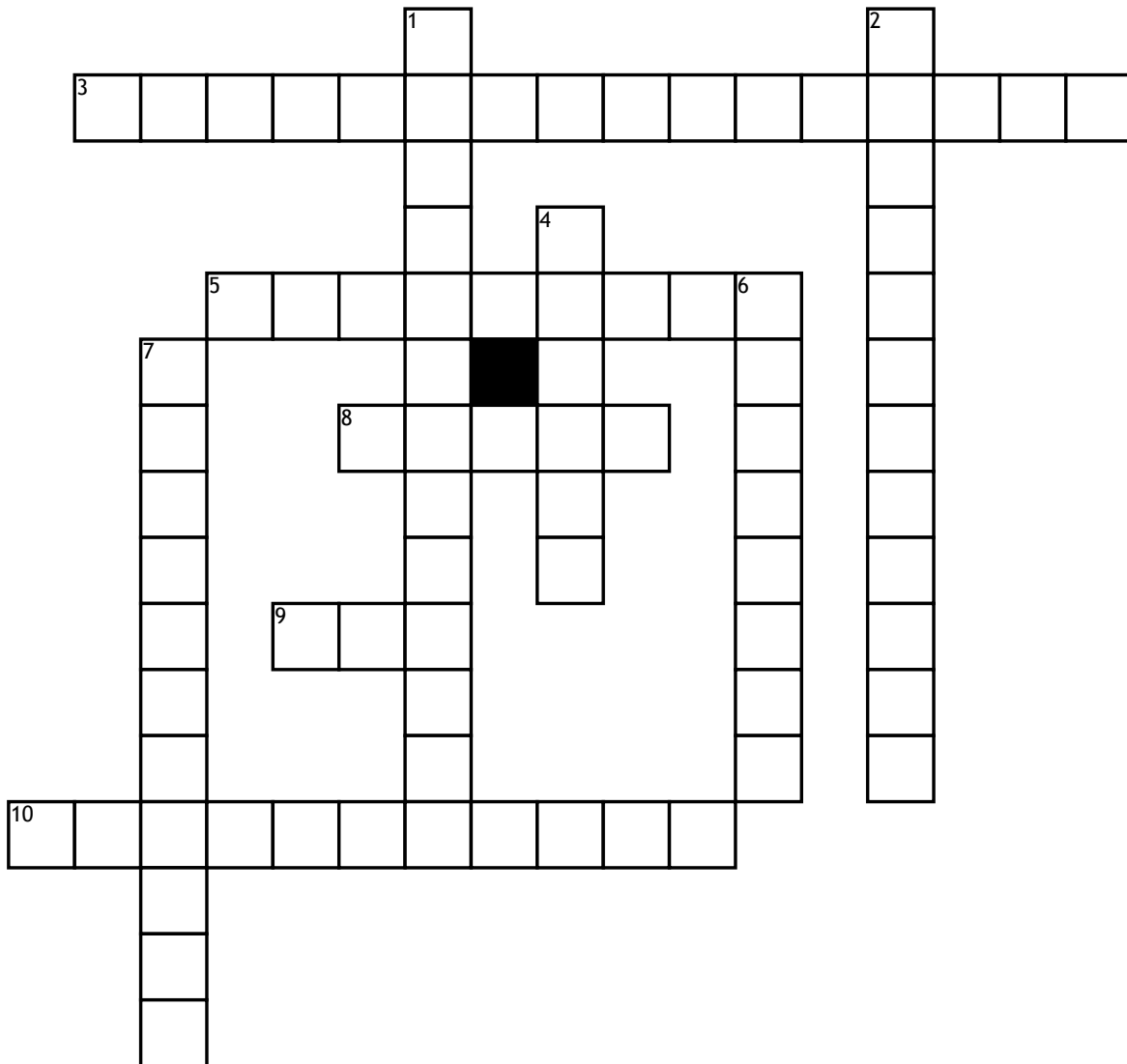


# DNA and Protein Synthesis



## Across

3. The process of a cell building specific proteins using amino acids in the cytoplasm
5. Jelly like organelle where Protein Synthesis occurs in the cell
8. A segment of DNA on a chromosome that codes for a specific trait
9. Molecules that carries the genetic instructions used in the growth, development, functions of living organisms.
10. Threadlike structures located inside the nucleus that is made of DNA

## Down

1. The four bases used in construction of DNA
2. RNA that copies coded message from DNA in the nucleus and carries the message to the ribosome in the cytoplasm
4. A variation of a specific Gene
6. A change in a gene or chromosome
7. RNA in the cytoplasm that carries an amino acids to the ribosome and adds them to the growing protein chain