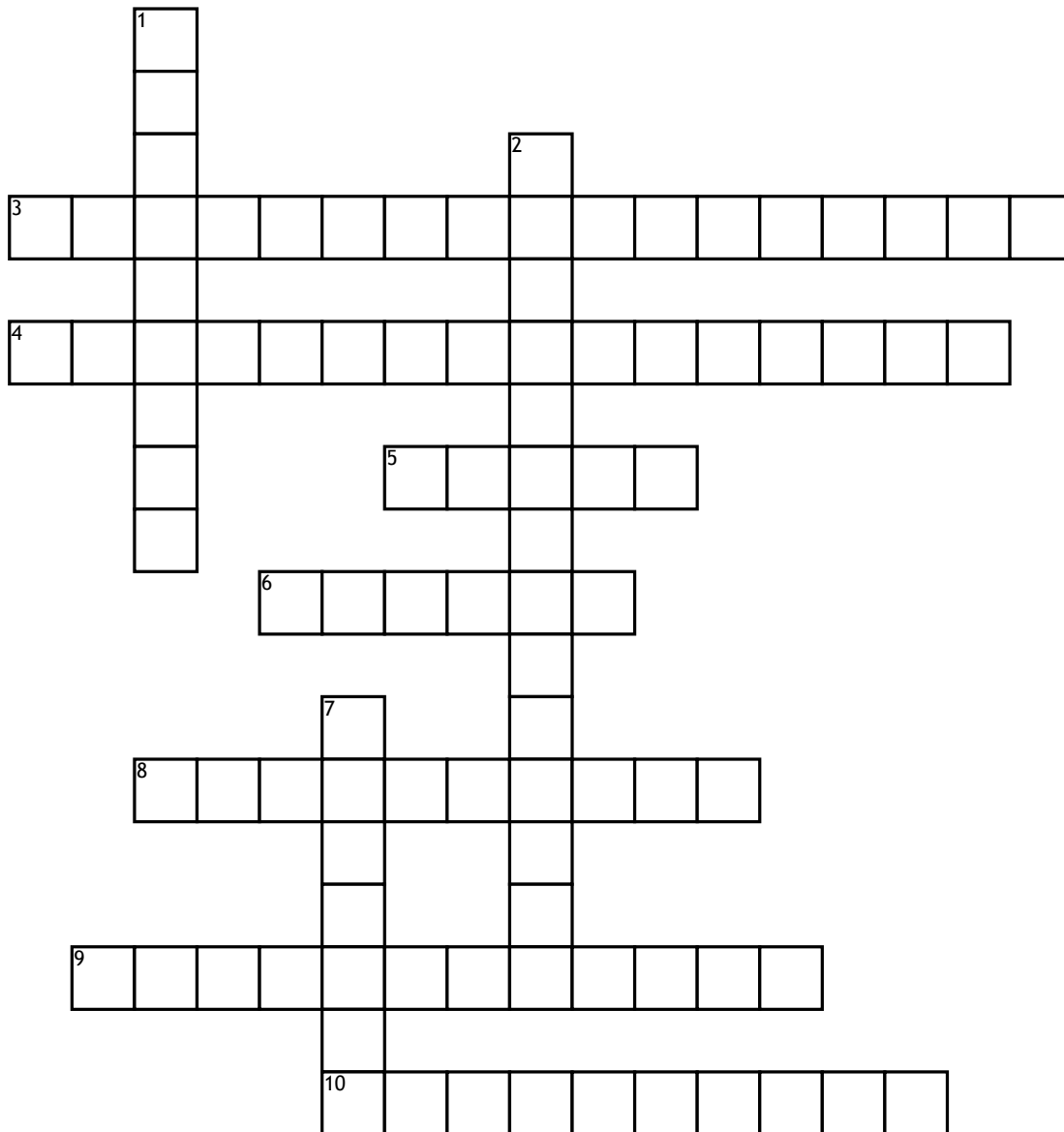


# Chapter 7



**Across**

- 3. Selective breeding is the process of choosing a breeding stock of an animal based on specific traits that a breeder wants to reproduce in the offspring.
- 4. the process whereby organisms better adapted to their environment tend to survive and produce more offspring. The theory of its action was first fully expounded by Charles Darwin and is now believed to be the main process that brings about evolution.
- 5. a genetically determined characteristic.
- 6. the remains or impression of a prehistoric organism preserved in petrified form or as a mold or cast in rock.
- 8. a change or the process of change by which an organism or species becomes better suited to its environment.

9. A term used by paleontologists ( see paleontology ) to refer to the total number of fossils that have been discovered, as well as to the information derived from them.

10. the formation of new and distinct species in the course of evolution.

**Down**

- 1. the process by which different kinds of living organisms are thought to have developed and diversified from earlier forms during the history of the earth.
- 2. generation time is the average time between two consecutive generations in the lineages of a population.
- 7. a group of living organisms consisting of similar individuals capable of exchanging genes or interbreeding.