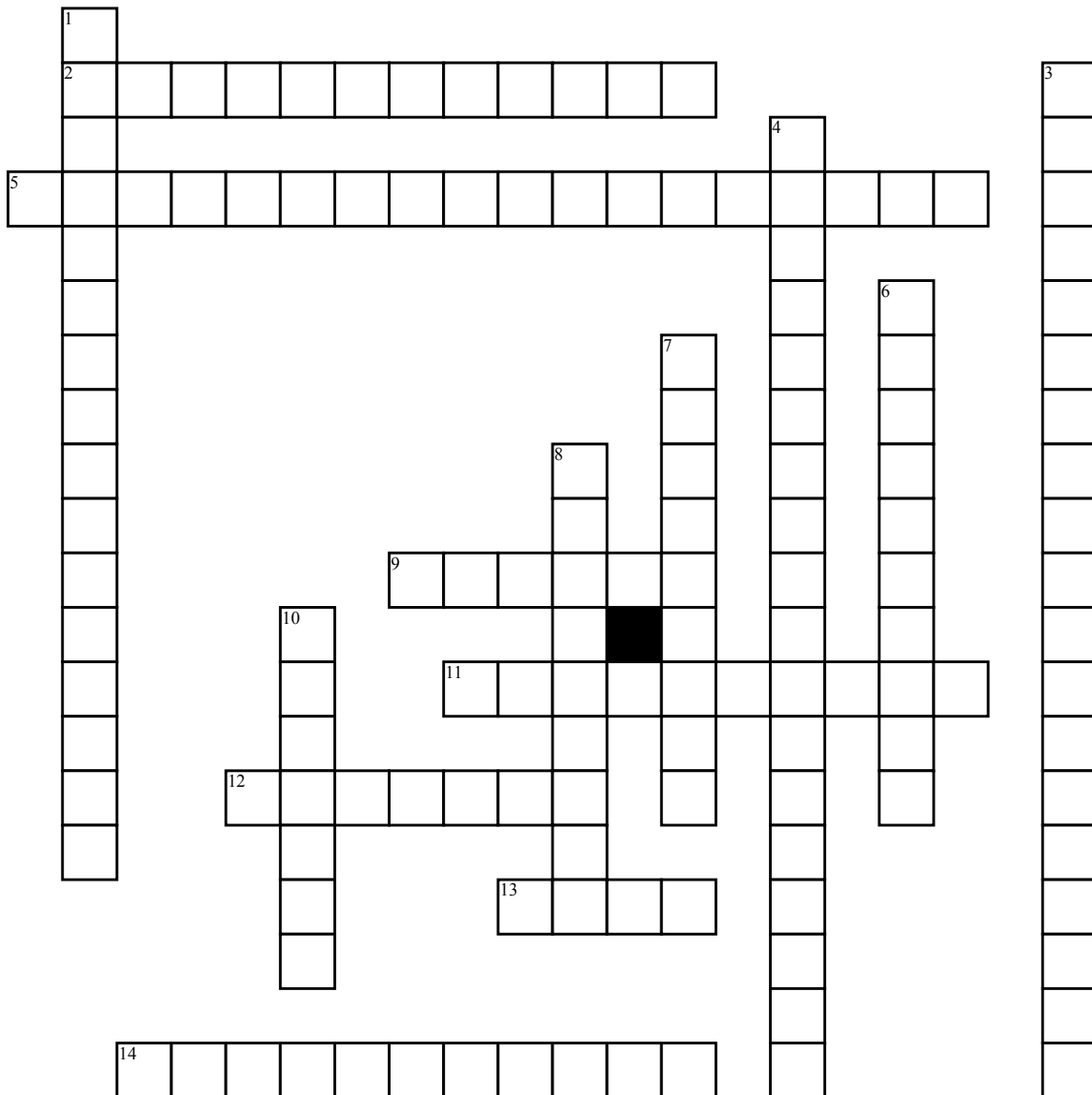


# Humans in The World Of Biology



**Across**

- 2. The group in an experiment or study that does not receive treatment by the researchers and is then used as a benchmark to measure how the other tested subjects do.
- 5. A logical process in which a conclusion is based on the concordance of multiple premises that are generally assumed to be true.
- 9. A supposition or a system of ideas intended to explain something, especially one based on general principles independent of the thing to be explained.
- 11. A supposition or proposed explanation made on the basis of limited evidence as a starting point for further investigation.

- 12. The intellectual and practical activity encompassing the systematic study of the structure and behavior of the physical and natural world through observation and experiment.
- 13. The smallest structural and functional unit of an organism, typically microscopic and consisting of cytoplasm and a nucleus enclosed in a membrane.
- 14. The tendency toward a relatively stable equilibrium between interdependent elements, especially as maintained by physiological processes.

**Down**

- 1. A method of procedure that has characterized natural science since the 17th century, consisting in systematic observation, measurement, and experiment, and the formulation, testing, and modification of hypotheses.

- 3. A group of organisms of the same species who live in the same area at the same time.
- 4. A logical process in which multiple premises, all believed true or found true most of the time, are combined to obtain a specific conclusion.
- 6. The chemical processes that occur within a living organism in order to maintain life.
- 7. A biological community of interacting organisms and their physical environment.
- 8. The regions of the surface, atmosphere, and hydrosphere of the earth (or analogous parts of other planets) occupied by living organisms.
- 10. A harmless pill, medicine, or procedure prescribed more for the psychological benefit to the patient than for any physiological effect.