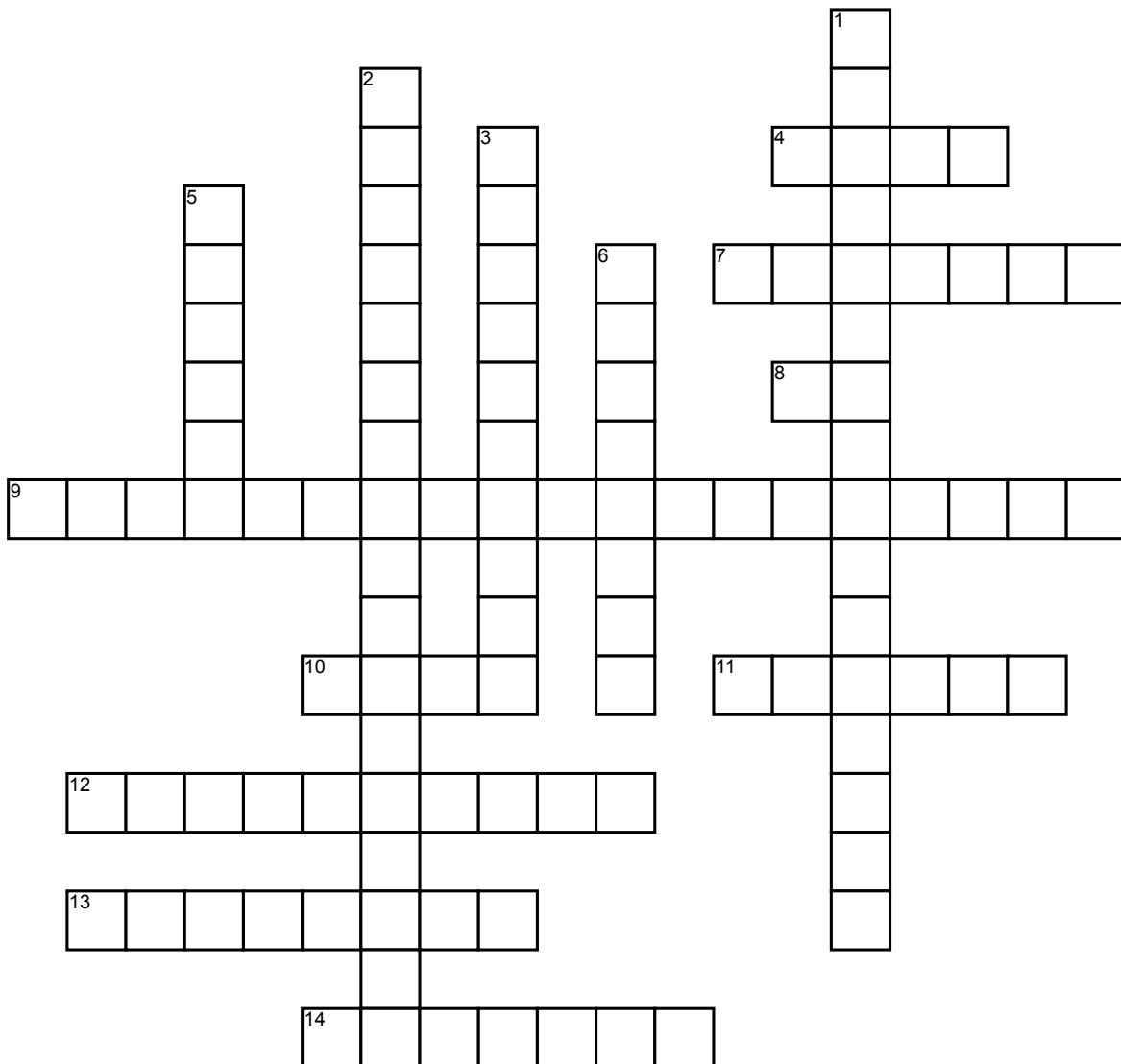


physical science

**Across**

4. Prejudice in favor of or against one thing, person, or group compared with another, usually in a way considered to be unfair
7. The power to influence or direct people's behavior or the course of events
8. A system of units based on the metric system and developed and refined by international convention especially for scientific work
9. The variable that is being measured in an experiment
10. A quantity or aggregate of matter usually of considerable size

11. A hypothesis assumed for the sake of argument or investigation

12. The process of testing
13. A quantity that may assume any one of a set of values
14. The degree of compactness of a substance

Down

1. Principles and procedures for the systematic pursuit of knowledge involving the recognition and formulation of a problem, the collection of data through observation and experiment, and the formulation and testing of hypotheses

2. A mathematical variable whose value is determined by that of one or more other variables in a function

3. An assumption or concession made for the sake of argument

5. The degree of loudness or the intensity of a sound

6. Occurring continuously over a period of time