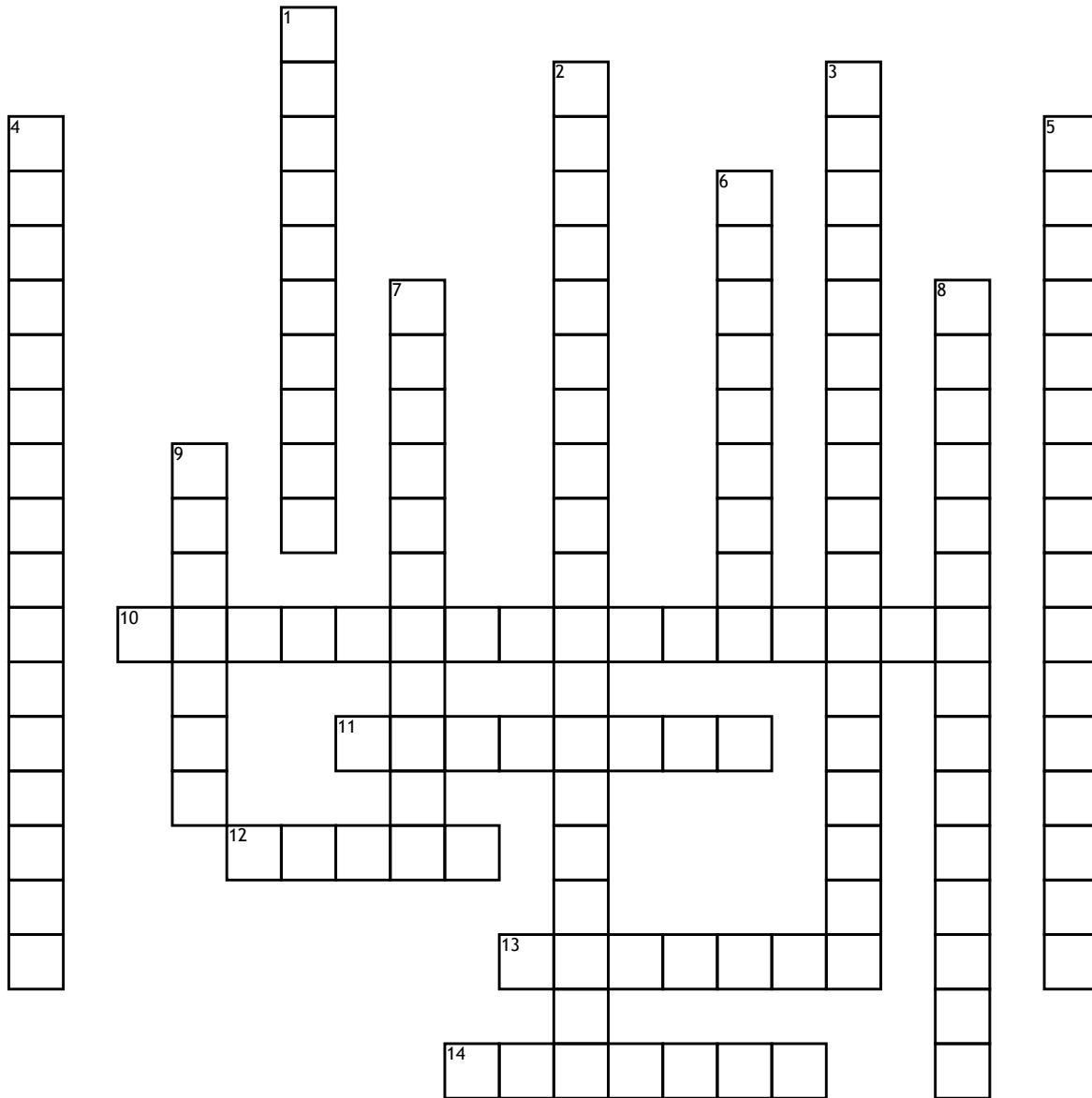


Name: _____

Date: _____

8th Grade Vocabulary terms



Across

- 10.** data which can be measured in length, height, area, volume, weight, speed, time, temperature, humidity, sound levels, cost, members, ages ect.
- 11.** any item, factor, or condition that can be controlled or changed
- 12.** decide or conclude information from evidence from evidence and reasoning rather than from explicit statements
- 13.** an act or instance of viewing of noting a fact or occurrence for some scientific or other special purpose
- 14.** a statement about the future or guess based on facts or evidence

Down

- 1.** a supposition or proposed explanation made on the basis of limited evidence as a starting point for further investigating
- 2.** a variable that is changed or controlled in a scientific experiment
- 3.** what you measure in the experiment and what is affected during the experiment
- 4.** normally called a controlled variable is the term for a variable that remains constant throughout an experiment.
- 5.** a method of procedures that has characterized natural science since the 17th century, consisting in systematic observation, measurement and experiment and the formulation testing and modification of hypothesis

- 6.** to arrange in a group according to shared qualities or characteristics
- 7.** talk to somebody in order to verify your results
- 8.** data cannot be expressed as a number. Data that represents nominal scales such as gender, socio economic status, religious preference are usually considered to be a qualitative data
- 9.** a scientific hypothesis must be falsifiable meaning that one can identify a possible outcome of an experiment that conflicts with predictions deduced from hypothesis