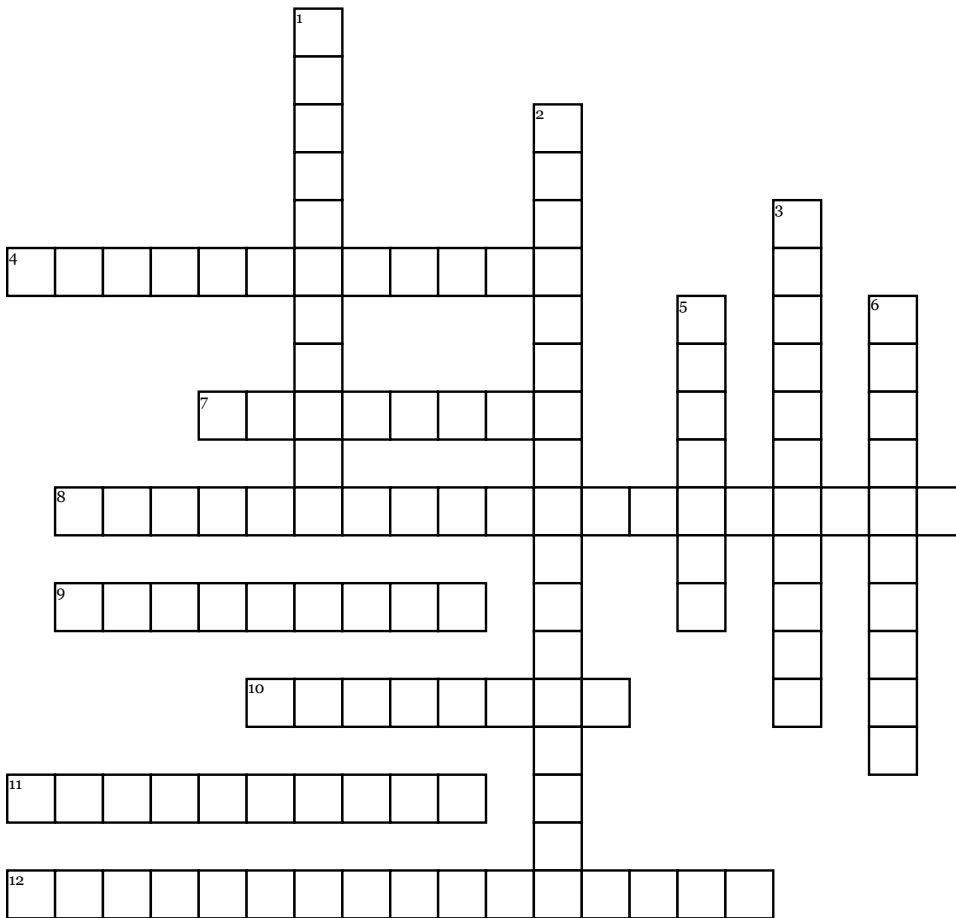


# Nature Of Science



## Across

**4.** of, relating to, or expressible in terms of quantity

**7.** which serves to either support or counter a scientific theory or hypothesis.

**8.** variables that the experimenter changes

**9.** An (blank) is a logical interpretation based on what scientists observe.

**10.** "a method of investigation involving observation and theory to test scientific hypotheses."

**11.** an idea or explanation that you then test through study and experimentation.

**12.** consisting in systematic observation, measurement, and experiment, and the formulation, testing, and modification of hypotheses.

## Down

**1.** researcher subjectively gathers information that focuses more on the differences in quality than the differences in quantity,

**2.** variable being tested in a scientific experiment

**3.** In science, (blank) can also involve the recording of data via the use of instruments

**5.** is an experiment or observation designed to minimize the effects of variables other than the independent variable.

**6.** final process of the basic scientific method