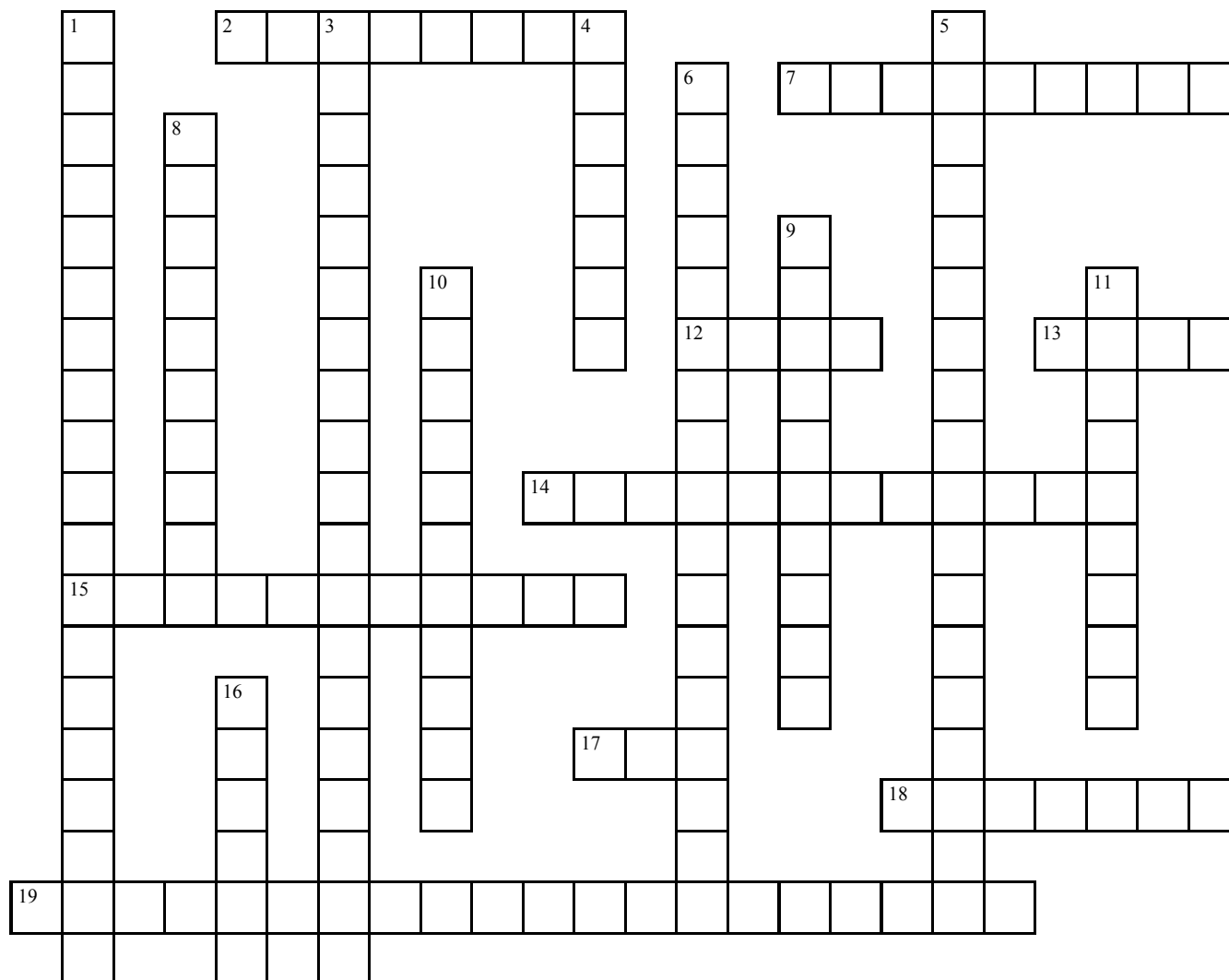


Chapter 1 Crossword



ACROSS

- 2 Signal to which an organism responds
- 7 A logical interpretation based on prior knowledge and experience
- 12 Evidence; information gathered from observations
- 13 Particular preference or point of view that is personal, rather than scientific
- 14 Group in an experiment that is exposed to the same conditions as the experimental group except for one independent variable
- 15 Process of noticing and describing events or processes in a careful, orderly way
- 17 Chemical component of heredity
- 18 Scientific study of life
- 19 Experiment in which only one variable is

DOWN

- 1 Process of reproduction involving a single parent that results in offspring that are genetically identical to the parent
- 3 Factor in a controlled experiment that is deliberately changed
- 4 Organized way of gathering and analyzing evidence about the natural world
- 5 Type of reproduction in which cells from two parents unite to form the first cell of a new organism
- 6 Variable that is observed and that changes in response to the independent variable
- 8 Possible explanation for a set of observations or possible answer to a scientific question
- 9 The combination of chemical reactions through

changed

which an organism builds up or breaks down materials

- 10** Relatively constant internal physical and chemical conditions that organisms maintain
- 11** Part of earth in which life exists including land, water, and air or atmosphere
- 16** Well tested explanation that unifies a broad range of observations and hypotheses, and enables scientists to make accurate predictions about new situations

Note: For a fee, you can use Crossword Weaver to print a nice copy of this puzzle (one that doesn't look like a web page). You can check it out for free by downloading the demo from www.CrosswordWeaver.com.