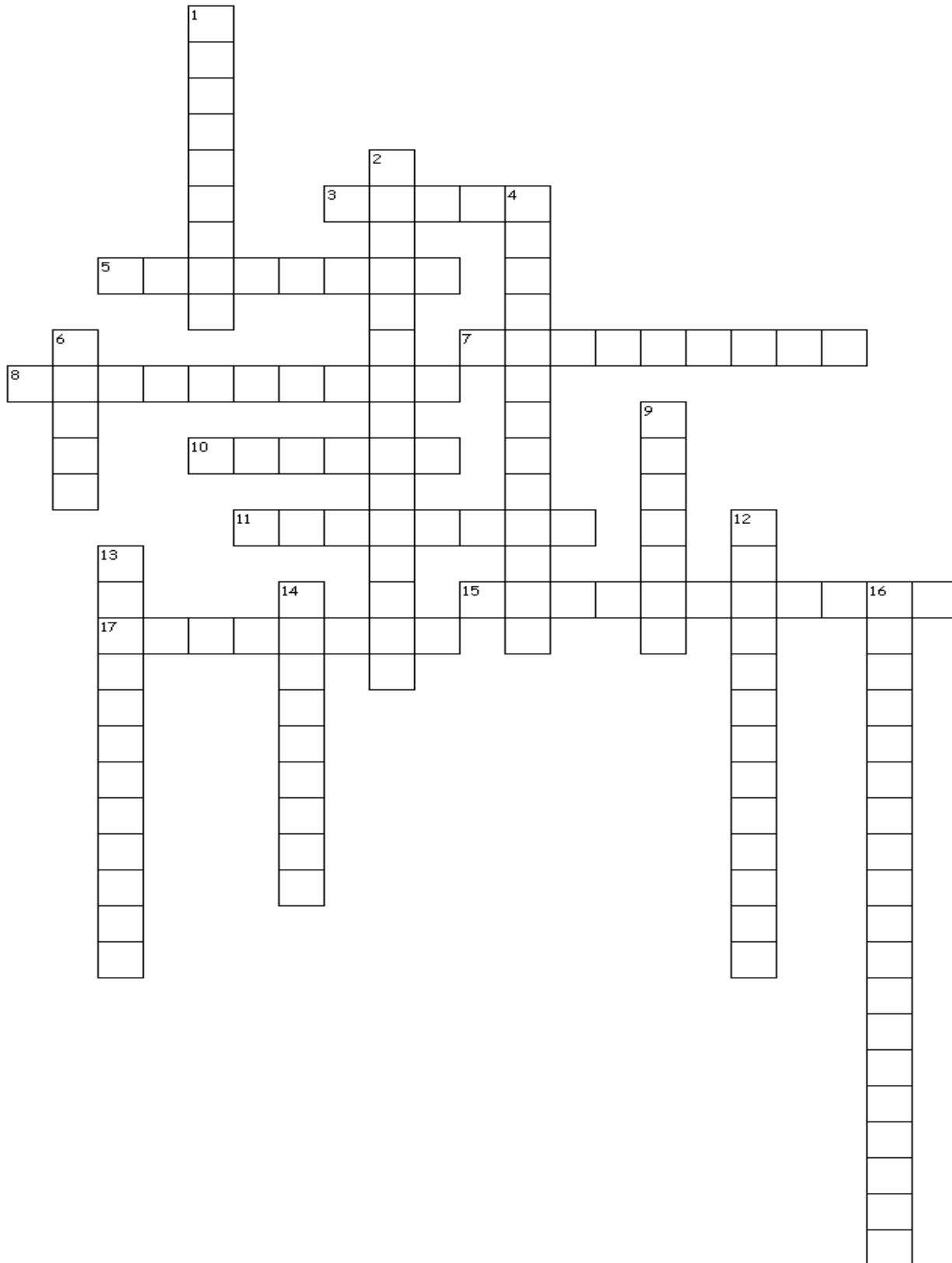


Periodic table vocabulary



Across

3. elements in the same vertical column of the periodic table; also called a family
5. the elements in group 17 of the periodic table; they are very reactive nonmetals
7. the gradual wearing away of a metal element due to a chemical reaction
8. the ease and speed in which an element combines, or reacts with other elements and compounds
10. a horizontal row of elements in the periodic table
11. an element that lacks most of the properties of a metal
15. they are the most reactive metals; their atoms have one electron in their outer level
17. an element in group 18 of the periodic table; they have 8 electrons in their stable outer shell

Down

1. a term used to describe a material that can be pounded into shapes
2. one of the elements in groups 3-12 of the periodic table
4. a chart of the elements showing the repeating pattern of their properties
6. a class of elements characterized by physical properties that include shininess, malleability, ductility, and conductivity
9. a term used to describe a material that can be pulled into a long wire
12. a substance that conducts electricity better than an insulator but not as well as a conductor
13. the ability of an object to transfer heat or electricity to another object
14. an element that has some characteristics of both metals and non-metals
16. they are reactive metals but less reactive than alkali metals; their atoms have two electrons in their outer level