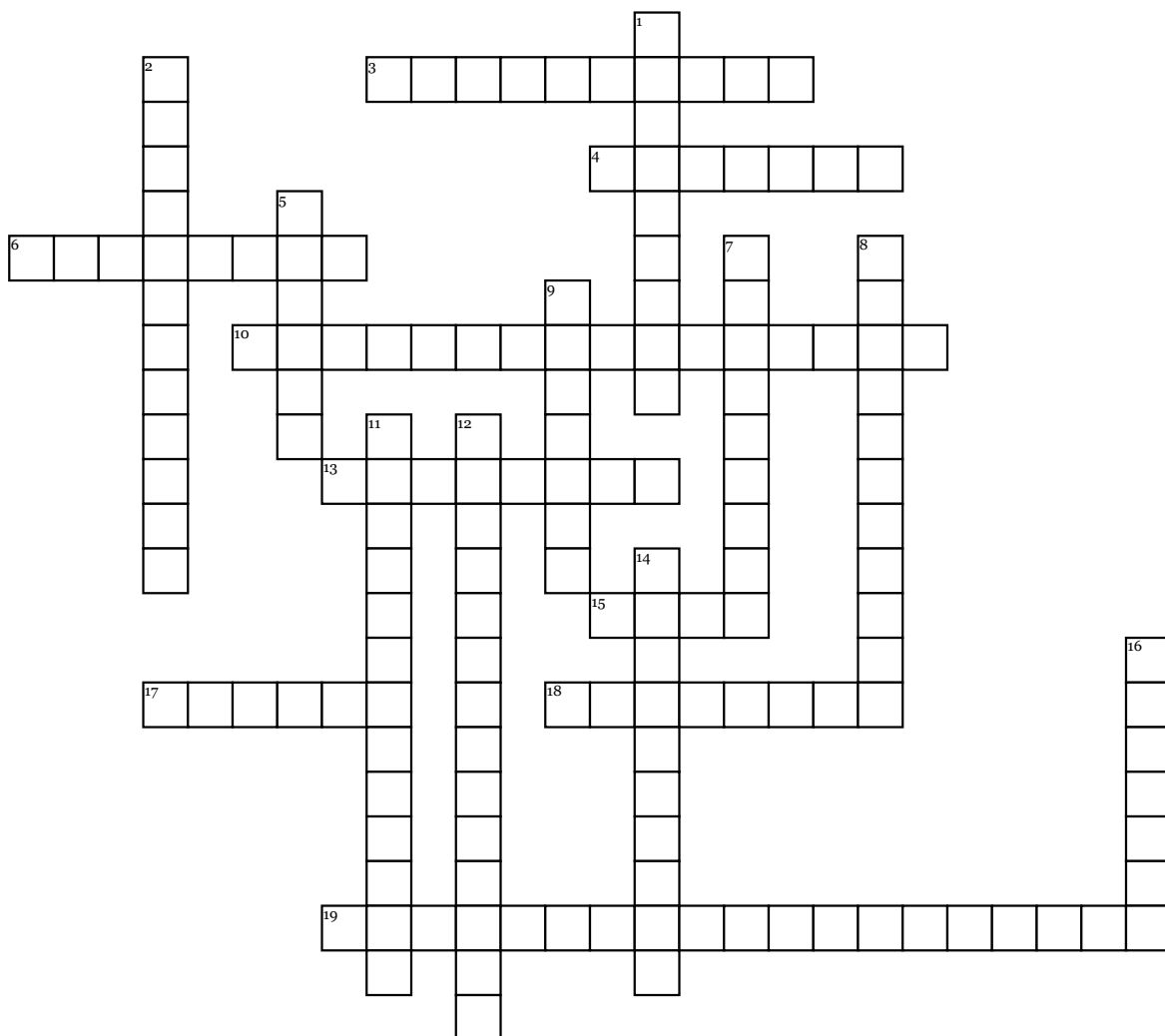


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# Periodic Table Vocabulary



## Across

- 3.** the family of elements that touch the staircase line.  
**4.** the path electrons move in around the nucleus of the atom.  
**6.** groups of elements that have the same number of valence electrons and similar properties.  
**10.** number of electrons in the outer shell of an atom.  
**13.** particles that have no charge.  
**15.** an element that gets electrically charged after it reacts with something else.  
**17.** the most reactive family of elements.

**18.** reacts best with the Alkali; have 7 valence electrons.

**19.** 2nd most reactive family on the periodic table; have 2 valence electrons.

## Down

- 1.** a model that shows the number of protons and neutrons in the nucleus of an atom, the number of shells the atom has, and the number of electrons in each orbital.  
**2.** the number of protons in an atom.  
**5.** every element to the left of the staircase line; hard; shiny; can easily conduct electricity.

**7.** a family of elements that are the numbered on the periodic table from 83 to 103.

**8.** family of elements with the numbers 57 to 71.

**9.** the horizontal sections on the periodic table.

**11.** the way the elements are sorted.

**12.** the element family with no metals in it.

**14.** the family of elements that does not react with anything else; have 8 valence electrons.

**16.** the sections that run vertically on the periodic table.