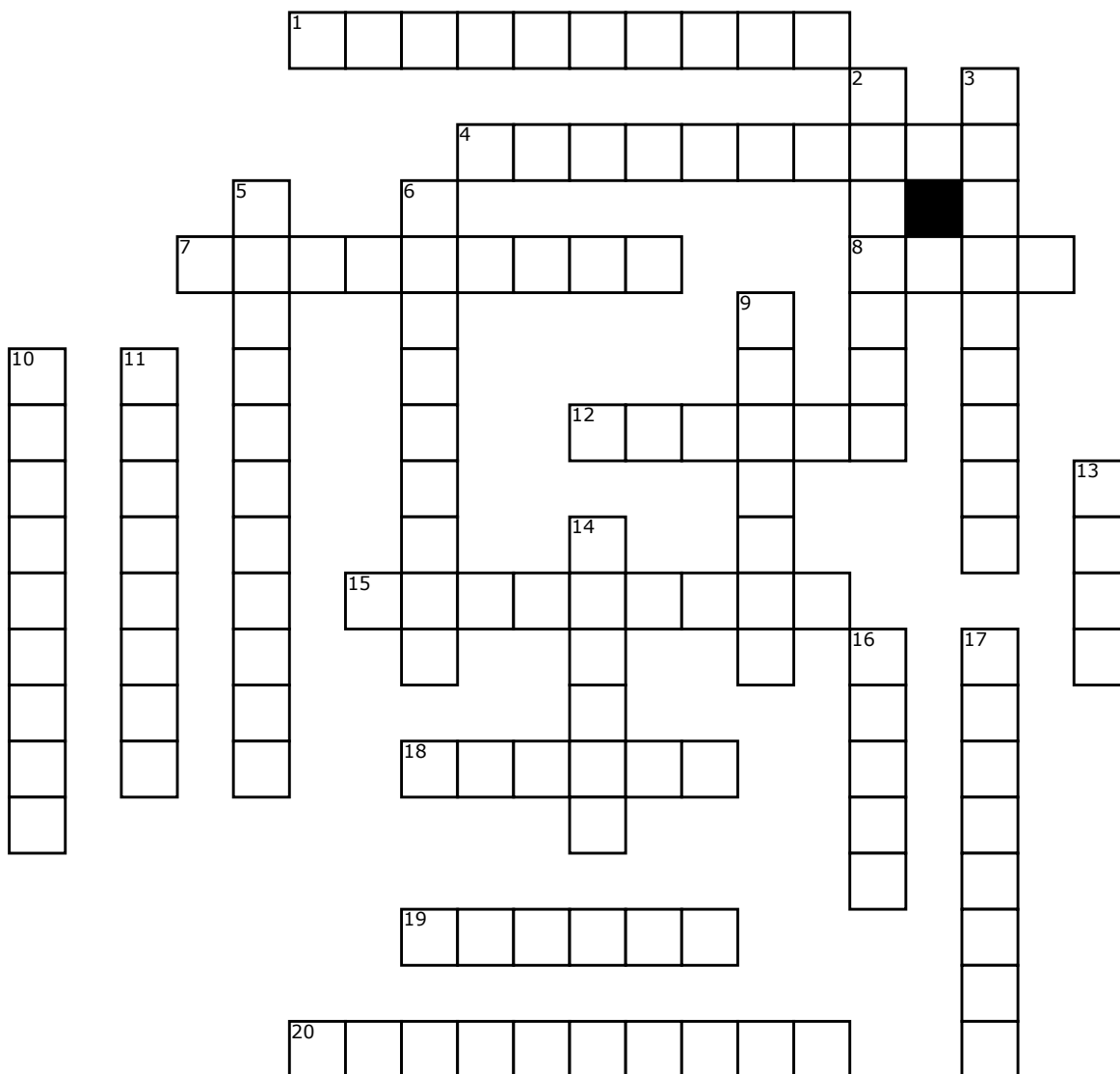


# Periodic Crossword



## **Across**

1. Unreactive elements.
4. \_\_\_ energies of the d and f-block elements increase across periods.
7. Group 1 elements are extremely \_\_\_.
8. The s-block elements are \_\_\_ reactive.
12. Most atoms release \_\_\_ when they acquire an electron.
15. Ionization energy \_\_\_ as you move down a group.
18. For electron affinity, which way increases?

19. The atomic radii in the \_\_\_ increases across periods.
20. Elements that have properties of both metals and nonmetals.

## **Down**

2. All alkali metals have a \_\_\_ appearance.
3. Ionization energy \_\_\_ as you move across a period.
5. Shiny metals similar in reactivity to alkaline-earth metals.
6. Atomic radii size \_\_\_ across a period.

9. Ionization energy causes electrons to be \_\_\_ from the nucleus.
10. Radiocative elements.
11. The size of atoms are determined by the edge of its \_\_\_.
13. True/False: p-block elements vary in how they act.
14. As you move across a \_\_\_, electronegativity increases.
16. Vertical column on the periodic table.
17. Electron \_\_\_ decreases as you move down a group.