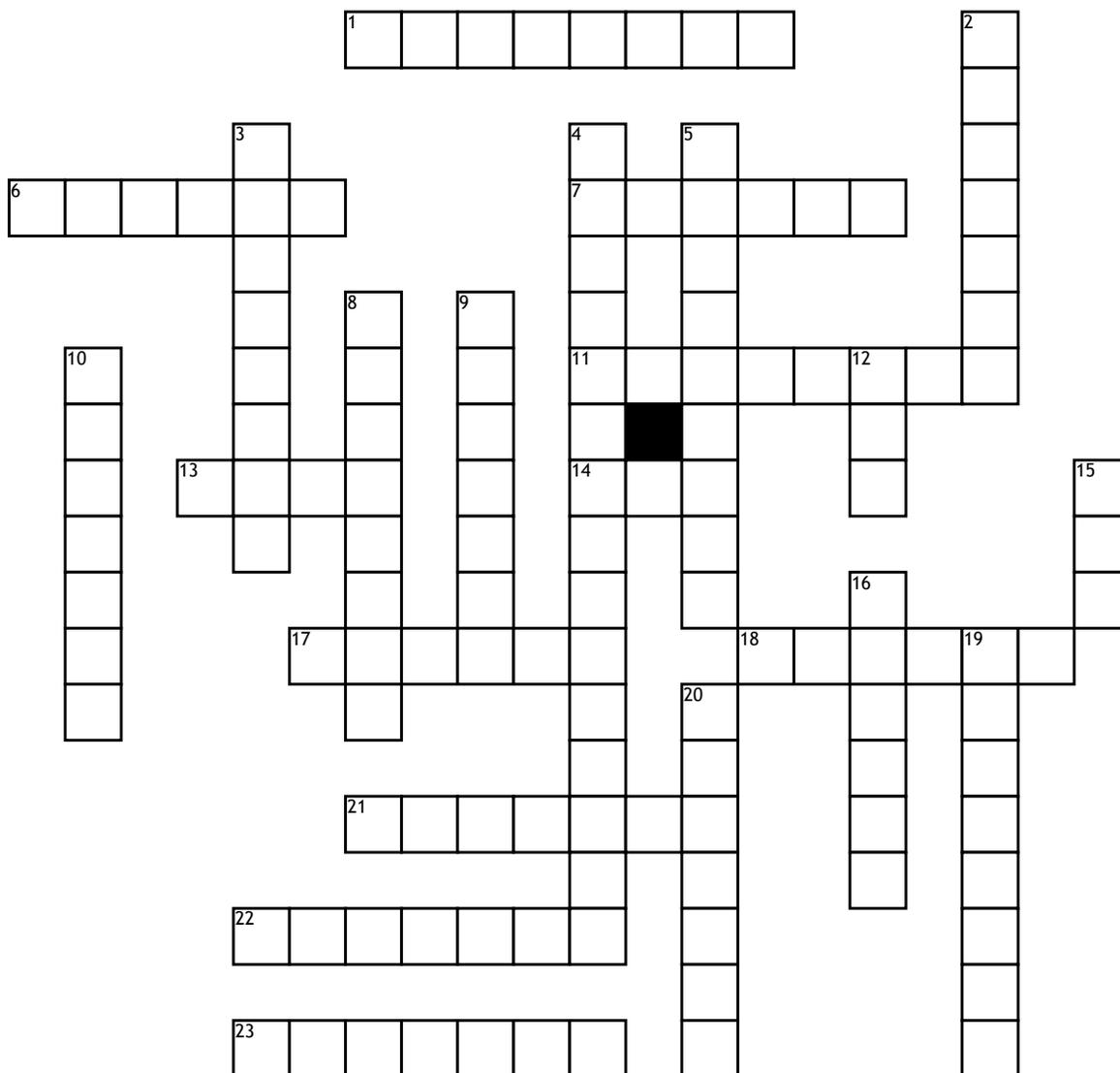


Basic Chemistry



Across

1. Part of a nucleus with a negative charge
6. Measure of the Earth's gravitational attraction for a body
7. Part of a nucleus with a positive charge
11. Variants of a particular chemical element which differ in neutron number
13. Quantity of matter a body possesses
14. Unstable atom (either positive or negative depending upon the numbers of protons or electrons)
17. Anything that occupies space and has mass or volume
18. Vertical columns of The Periodic Table
21. Mass per unit volume

22. Force created by the interaction of different masses
23. Two or more different elements or compounds are mixed together but not combined chemically

Down

2. Horizontal rows on The Periodic Table
3. Properties of an element or compound that are associated with a chemical reaction
4. Ratio of the density of a substance to a standard substance
5. Bonding of any two or more elements (ex: H₂O)
8. ___ properties of an element of compound (matter) that are observable and DO NOT pertain to a chemical reaction

9. Substances composed of atoms that cannot be broken down any further
10. Part of a nucleus with no charge
12. Common unit "pressure" is measured in
15. Basic group "matter" is made up of
16. Space occupied by matter or substance
19. Force acting per unit area
20. The science that describes the way matter behaves in response to a natural phenomena such as energy, force, and motion