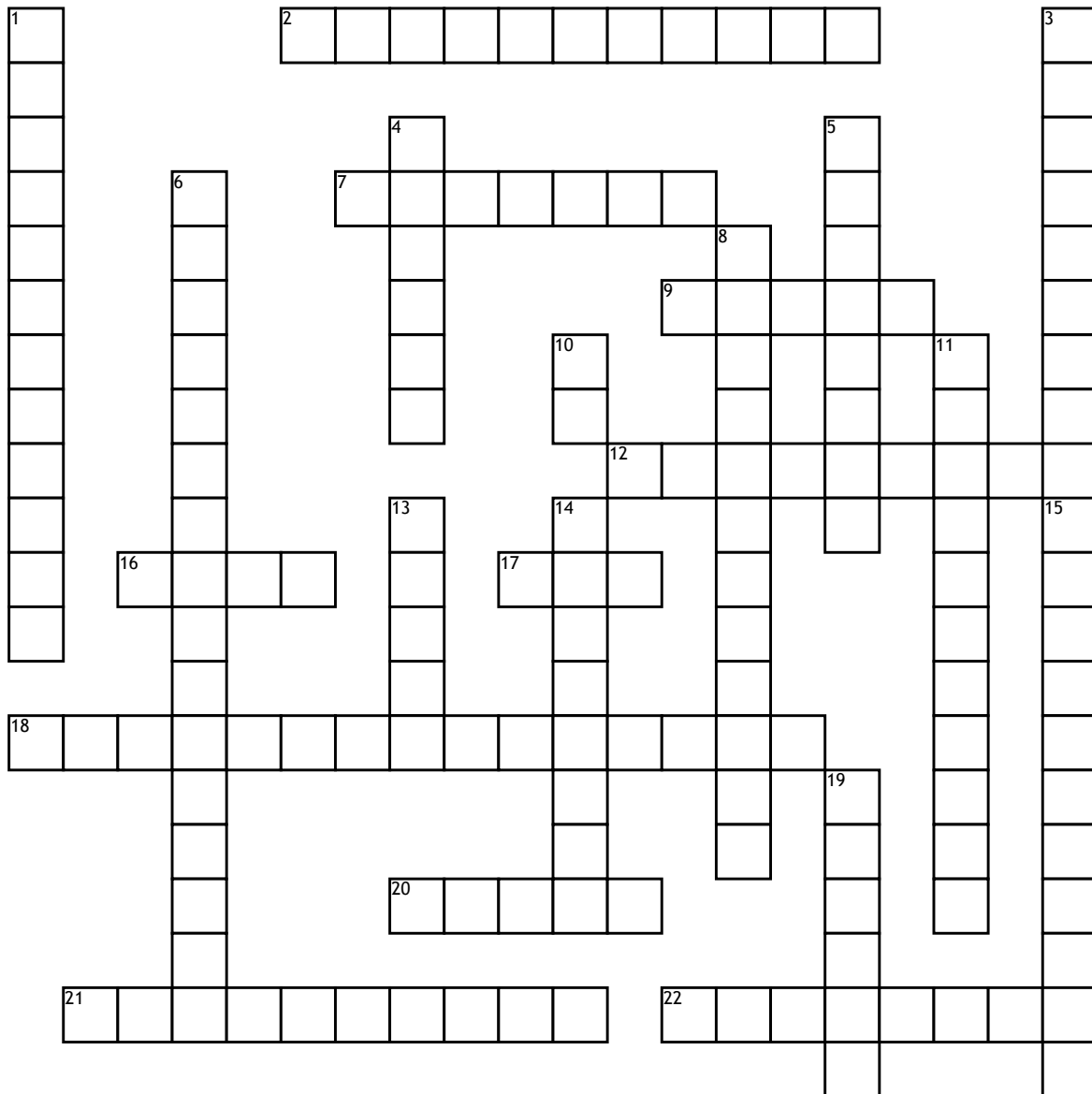


Properties of Water



Across

2. ability to maintain a steady state despite changing conditions

7. substance in which solutes dissolve

9. oxygen atom attracts more than its "fair share" of electrons which causes water to be _____

12. homogeneous mixture

16. donates a proton (H⁺)

17. atom that has gained or lost electrons

18. gives water the ability to "climb" structures

20. contain lots of OH⁻ ions and fewer H⁺ ions

21. forms a global "blanket" to keep the Earth warm

22. attraction between two different substances

Down

1. attraction between a positive and a negative atom

3. attraction of the same substance

4. dissolves in a solvent

5. produces unequal magnetic effects at different ends of a chemical

6. Amount of heat needed to raise or lower 1g of a substance 1° C

8. bond formed when atoms share electrons

10. measurement of acidity

11. forms a crystal-like lattice whereby molecules are set at fixed distances

13. made up of three atoms; one oxygen and two hydrogen

14. atoms held together by covalent bonds; not necessarily a compound

15. doesn't dissolve but separates into tiny pieces

19. prevents sharp, sudden changes in pH