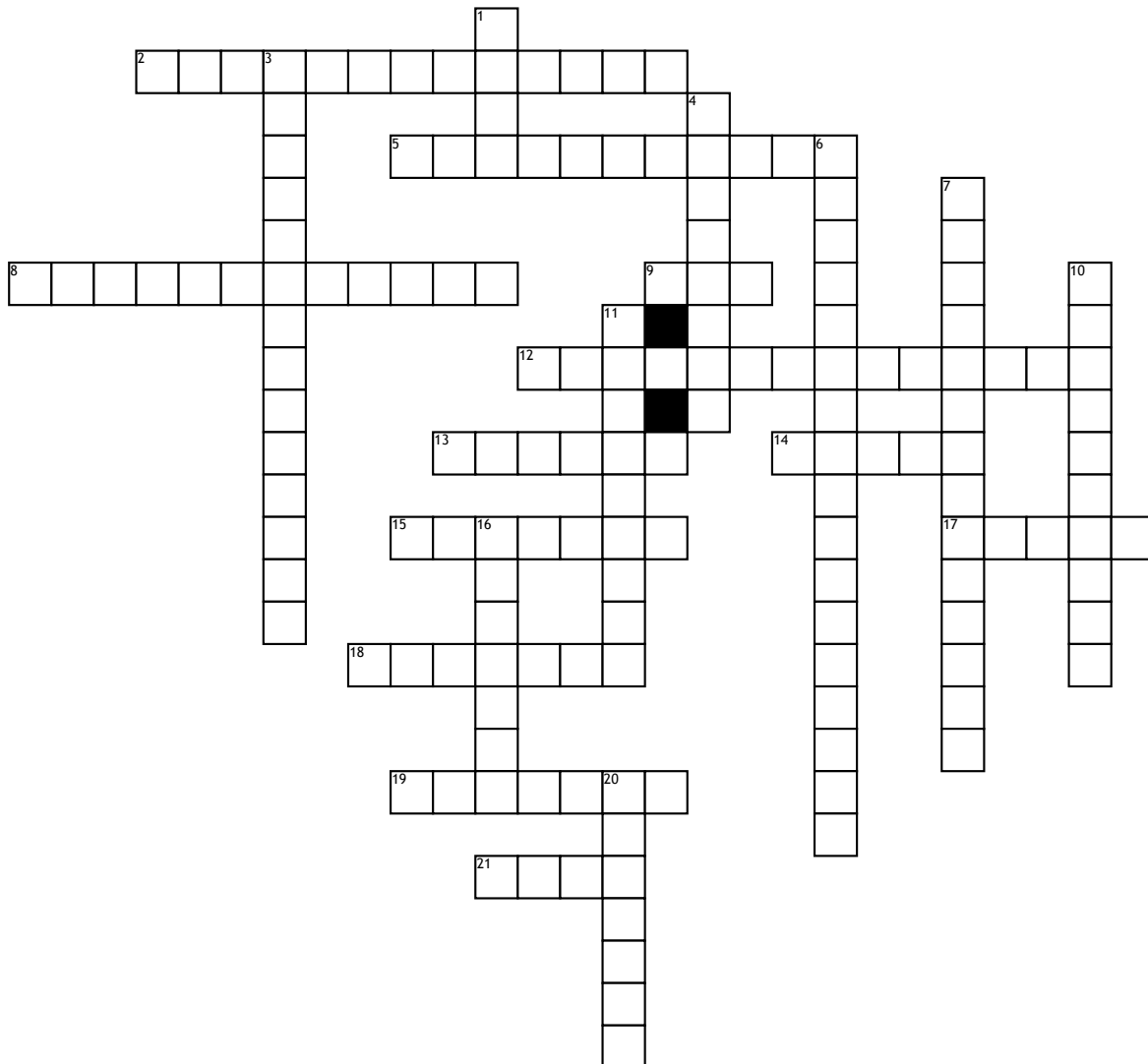


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# science crossword molecules and atoms



## Across

- 2. the region of negative charge surrounding the nucleus
- 5. a surface that repels water
- 8. the number of protons in a nucleus
- 9. an atom that gained or has lost an electron
- 12. a rustless alloy of steel that includes chromium and nickel
- 13. an ion that has more protons than electrons
- 14. an alloy of iron and carbon
- 15. the basic unit in a polymer
- 17. a mixture of base metal and small amounts of other metal

18. shatters if hit

19. a molecule made of repeating units formed into long chains

21. a substance that releases hydroxide ions

## Down

1. a substance that releases hydrogen into an aqueous solution

3. a tiny cylinder of carbon atoms are 100 nm long

4. a pure substance that is made up of two or more different types of atoms chemically joined

6. carbon fibres or polymer fibres embedded in a plastic matrix

7. a grid like structure of atoms or ions in which each particle is bonded to all of its neighbouring atoms

10. containing more than one atom

11. one-billionth of a metre

16. no overall charges

20. a substance made up of only one type of atom