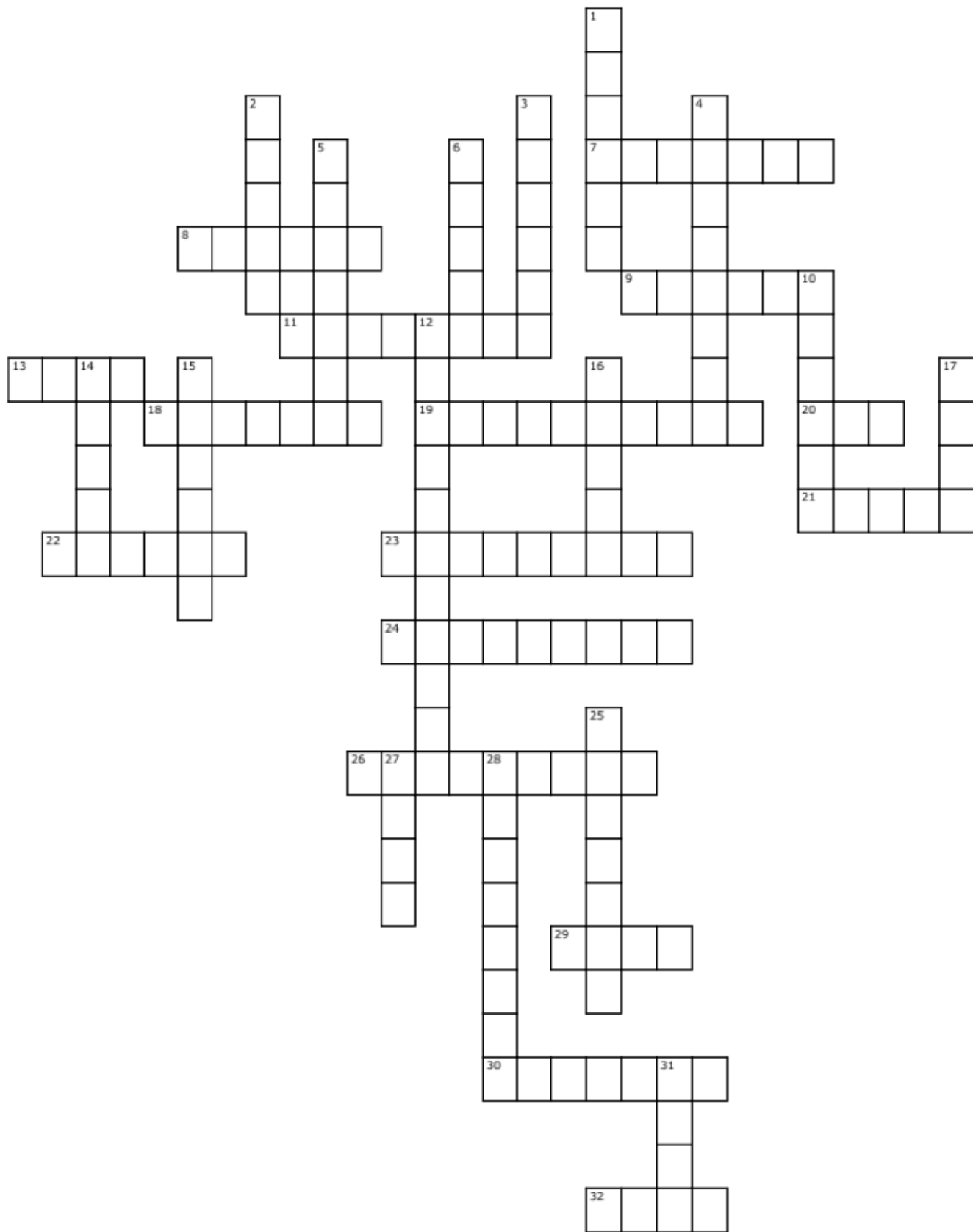


**Chemistry 151 Section W1: Crossword Puzzle**

*Due by 11:59 PM Wed, July 12 via email*

**Name:**



*The Crossword Puzzle Hints:*

**Across**

7. Protons and neutrons in the atom
8. Positive subatomic particle
9. Paper used to measure pH
11. Solute plus solvent equals a \_\_\_\_\_
13. Produces OH<sup>-</sup> ions in solution
18. Eye protection
19. A test in the laboratory
20. An atom or molecule with an electric charge
21. Metric prefix 10<sup>-6</sup>
22. Cylindrical glass container
23. K
24. Heavy hydrogen
26. Measures the pressure
29.  $6.022 \times 10^{23}$
30. A substance which cannot be broken down by chemical means
32. A nucleus orbited by electrons

**Down**

1. Bunsen \_\_\_\_\_
2. Negatively charged particle
3. Positively charged particle
4. Negative subatomic particle
5. Same element but different number of neutrons
6. Metric prefix 10<sup>-2</sup>
10. Na
12. Might be calibrated in Fahrenheit or Celsius
14. Used to measure mass
15. Cu
16. Metric prefix 10<sup>-3</sup>
17. Metric prefix 10<sup>3</sup>
25. Neutral subatomic particle
27. Produces H<sup>+</sup> ions in solution
28. Combination of two or more atoms
31. Metric prefix 10<sup>-9</sup>