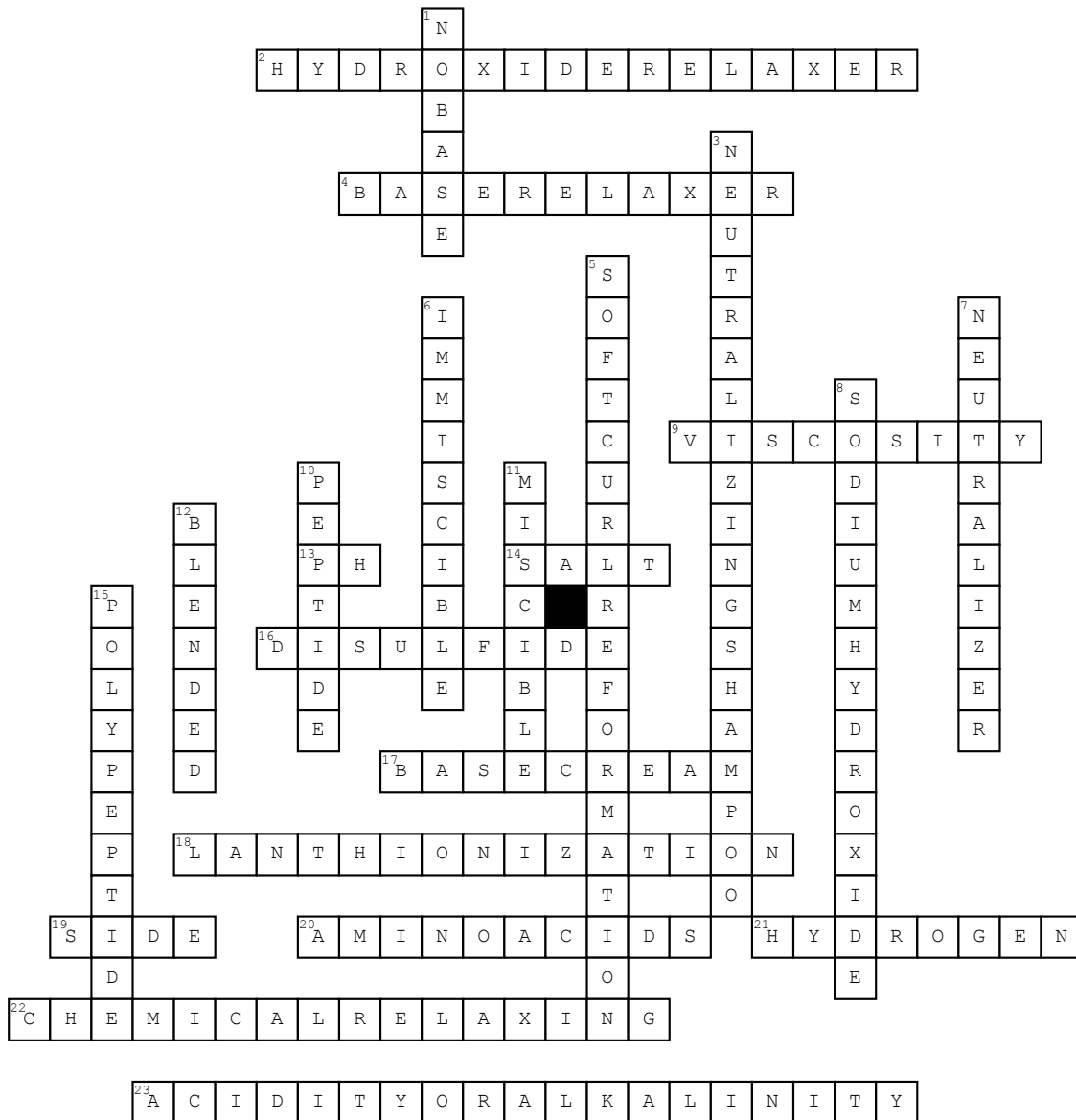


Name: _____

Chemical Texturizing



Across

2. Relaxers with a high alkaline content (pH):
4. Type of relaxer that requires the application of a base cream:
9. The measurement of a liquid's thickness and how that affects the liquid's flow:
13. The scale that ranges from 0-14 and measures if a product is an acid, an alkaline, or neutral:
14. These side bonds are easily broken by a change in pH and reform when pH balance is restored:
16. Chemical side bonds that are broken only by chemical solutions:
17. An oily cream used as a barrier to protect the scalp from chemicals:
18. The process where one sulfur atom is removed from a disulfide bond and is converted into a lanthionine bond is:

19. These bonds connect polypeptide chains side-by-side and are responsible for strength and elasticity, also known as cross bonds:
20. Protein building blocks of hair:
21. A side bond that is broken by heat or water then reforms when hair cools or dries:
22. To chemically alter naturally wavy or curly hair into a straighter form
23. Potential Hydrogen (pH) measures the _____ or _____ of a solution:

Down

1. A relaxer that does not require a base cream for the skin or scalp:
3. Helps remove chemicals left in the hair after a chemical relaxer and restore hair to normal pH:

5. Combining a thio relaxer and a thio permanent wave in a two step process:
6. When two substances cannot mix with each other:
7. A chemical solution that stops the waving process of a permanent wave and rebuilds bonds into their new form:
8. A strong alkaline ingredient used in chemical relaxers:
10. These bonds connect amino acids that form polypeptides:
11. When two substances are able to mix with each other:
12. In a physical mixture, two or more types of matter are _____ but not chemically joined:
15. A spiraling chain of amino acids joined by peptide bonds: