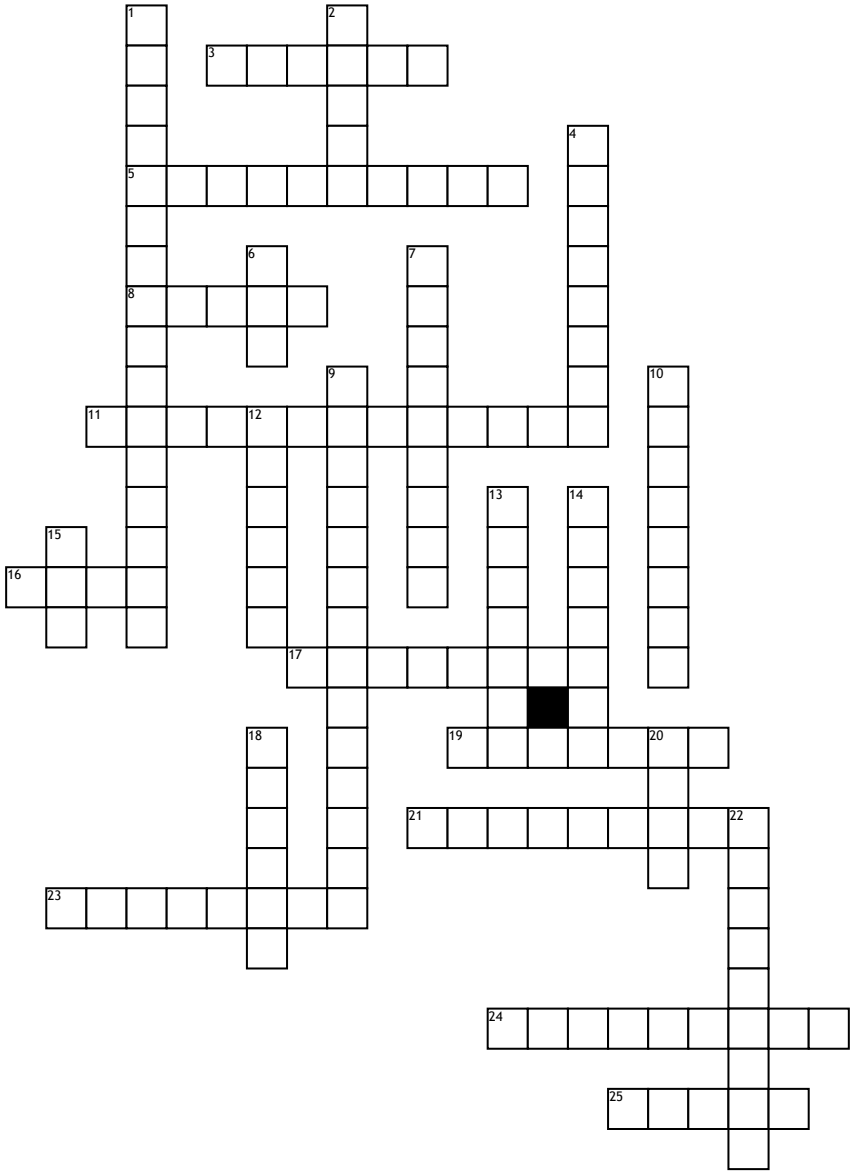
Name: _____ Date: _____

Acids and bases nomenclature



Across

3. An acid that does not contain oxygen

5. two liquids that can be mixed together but separate shortly after you cease mixing them.

8. The formula for perphosphoric acid

11. The model that states acids are hydrogen ion donors

16. A solution with a pH of 3

17. two liquids that are soluble in each other

19. A solution in which the hydrogen and hydroxide ion concentrations are equal

21. The model that states a base must contain a OH ion to donate

23. Reducing the concentration of a solution by adding more solvent

24. This type of solution contains the maximum amount of dissolved solute

25. The formula for Sulfurous acid

Down

1. The name of LiOH

2. A solution that contains less hydrogen ions than hydroxide ions

4. This refers to the number of moles dissolved in a given volume of solution

6. The formula for Potassium Hydroxide

7. The ability of a substance to not be dissolved by a solvent

9. This type of reaction produces water and a salt

10. An acid with 2 hydrogen ions to donate:

12. A substance that is being dissolved to make a solution

13. The ability of a substance to be dissolved by a solvent

14. The substance that performs the dissolving

15. The formula for Hydrochloric acid

18. A solution that contains more hydrogen ions than hydroxide ions

20. HBr would be considered a(n)

22. The process of a solute being dissolved