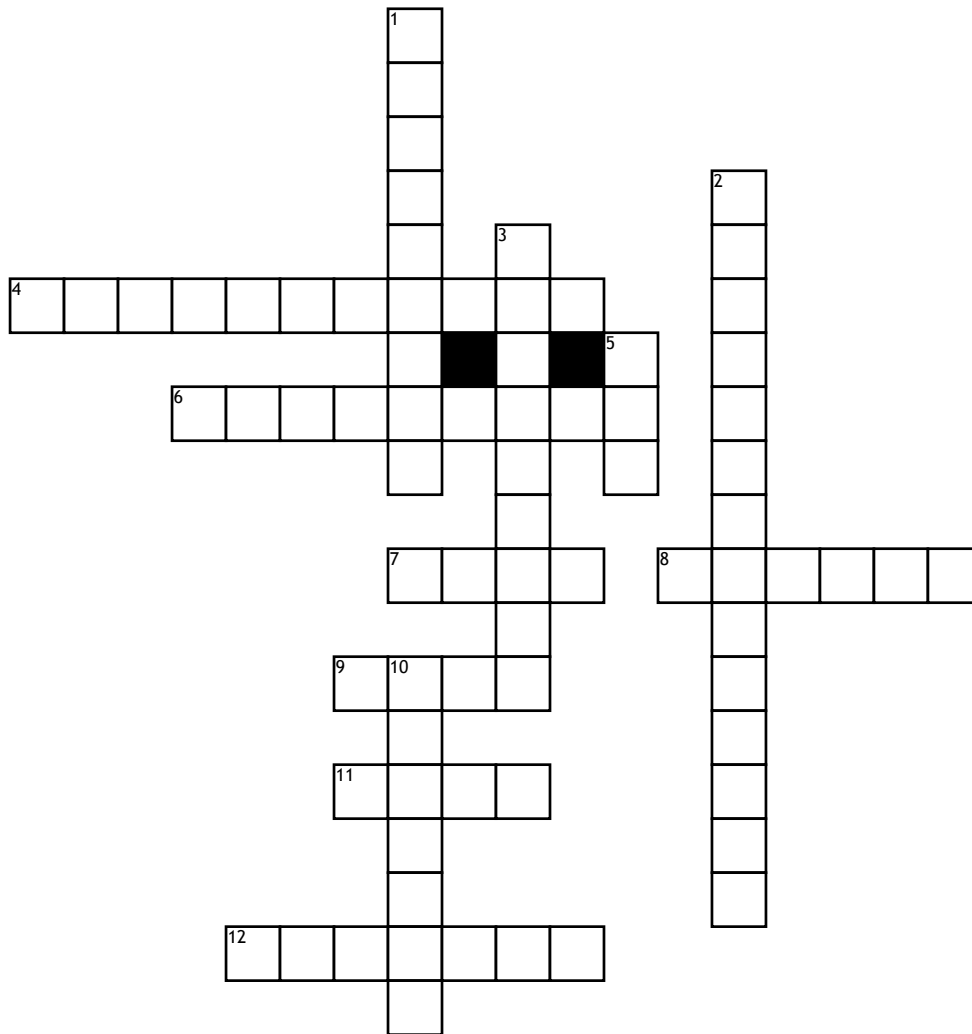


# Acids and Bases



**Across**

4. what is useful in determining if we have an acid or base solution

6. based on the Arrhenius definition bases ionize to form what?

7. Is phenol (C<sub>6</sub>H<sub>5</sub>OH) strong or weak according to the Bronsted-Lowry acid

8. what is the chemical name for the acid that is found in many fruits

9. If something contains a hydroxide ion it most likely is considered to be...

11. when this solution is reacted with metals it dissolves them

12. What do you call substances that react with acids and bases

**Down**

1. A substance that changes color when exposed to an acid or base is an....

2. The process in which acids and bases react to form salt and water is called what

3. what is a substance that donates a pair of electrons to form a covalent bond

5. As an electrolyte, is water Weak

10. In lewis' description of an acid he says the acid does what to a pair of electrons

**Word Bank**

litmus paper

citric

neutral

lewis base

neutralization

yes

accepts

acid

hydroxide

indicator

weak

base