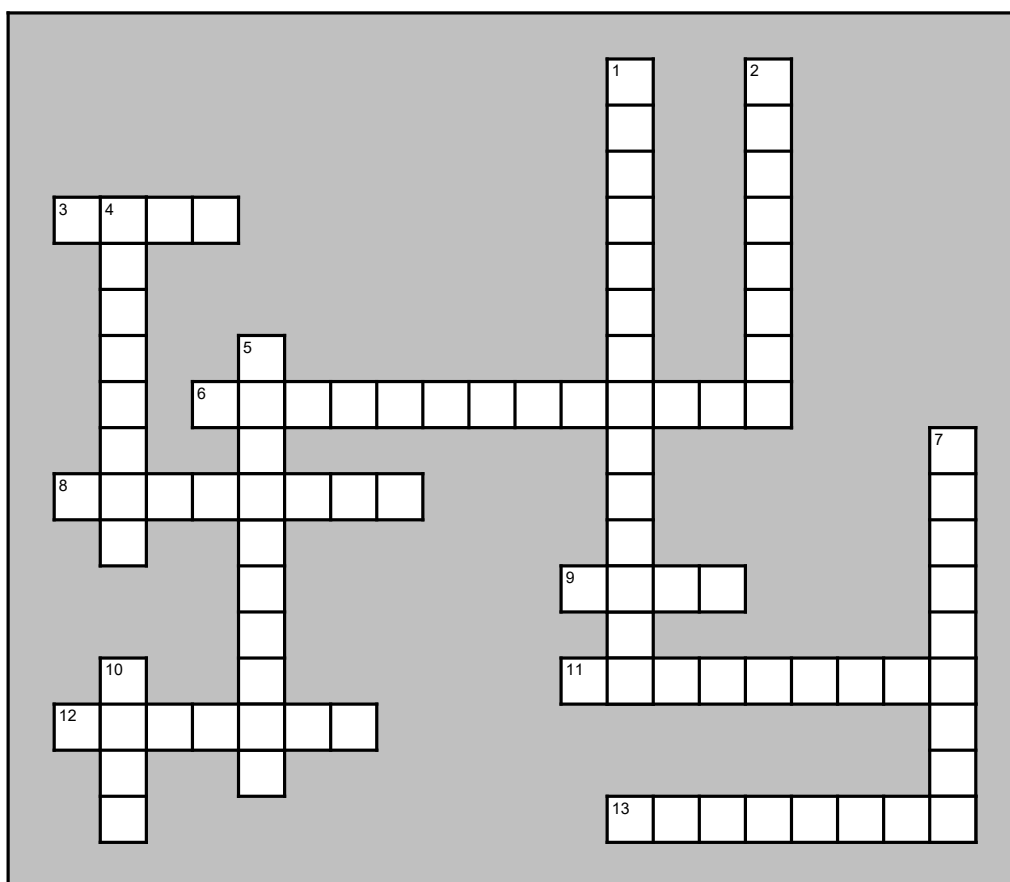


Crossword



Across

3. Water that contains a significant amount of dissolved mineral ions (e.g. calcium, magnesium). Corrodes faucets and drain pipes.
6. Evaporation from trees. Water rises from the roots to the top of trees and is evaporated out due to cohesion, adhesion and capillary action.
8. "Like" molecules stick together. Water has strong ___ due to hydrogen bonding so it forms large drops.
9. "___ dissolves like" refers to ionic and polar substances being able to dissolve in water which is polar.
11. Water is called the ___ solvent because it dissolves so many substances.
12. The substance that does the dissolving. e.g. water dissolves salt.
13. Water has a partial negative charge on the oxygen end and a partial positive charge on the hydrogen end. This gives water many unique properties.

Down

1. Allows formation of a "meniscus"... the surface of water curves in a thin cylinder.
2. Bonds that form between water molecules due to its polarity, causing water to have many unique properties (cohesion, adhesion, etc).
4. "Unlike" molecules stick together. Water has strong ___ due to hydrogen bonding so it clings to many surfaces.
5. The Great Lakes region holds over 21% of ___ on the earth. Water bottling companies use this "free" resource to make money.
7. This action allows liquids to go against gravity and climb up thin columns due to cohesion and adhesion.
10. Water that makes one feel "slimy" even after a shower because the natural body oils remain since there are few minerals in the water.