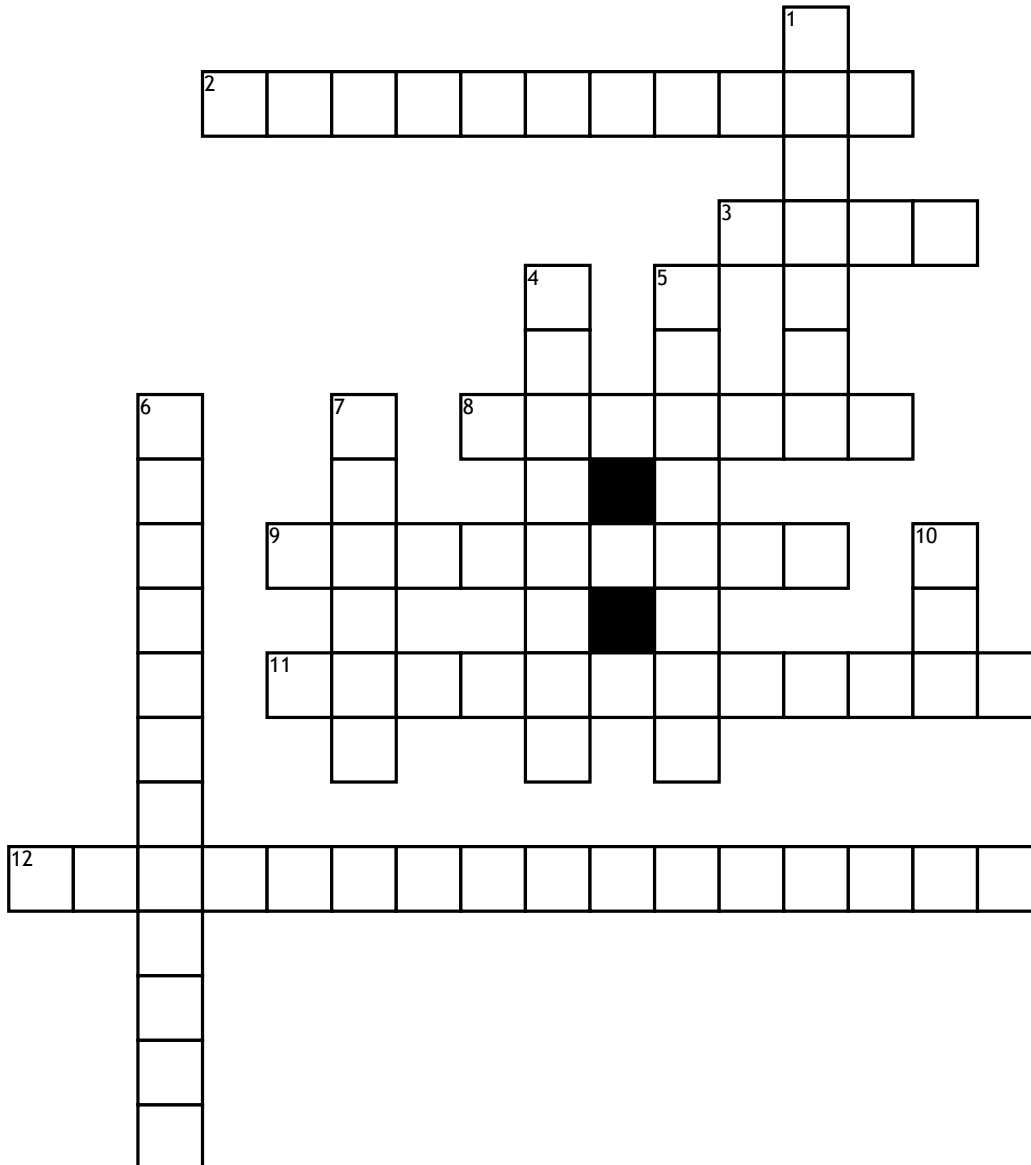


Mr. smily



Across

2. the fixed amount of energy that a system described by quantum mechanics, such as a molecule, atom, electron, or nucleus, can have.
3. the basic unit of chemical element
8. a part or aspect of something abstract
9. relating to, or useful in ions

11. also called a molecular bond, is a chemical bond that involves the sharing of electron pairs between atoms
12. in chemistry, a valence electron that is associated with an atom

Down

1. a subatomic particle of about the same mass as a proton but without an electric charge
4. a group of atoms bonded together

5. a thing that is composed of two or more separate elements

6. that it has one oxygen atom bonded to two hydrogen atoms and each bond is a single covalent bond

7. a stable subatomic particle occurring in all atomic nuclei

10. denoting a resulting state or product.