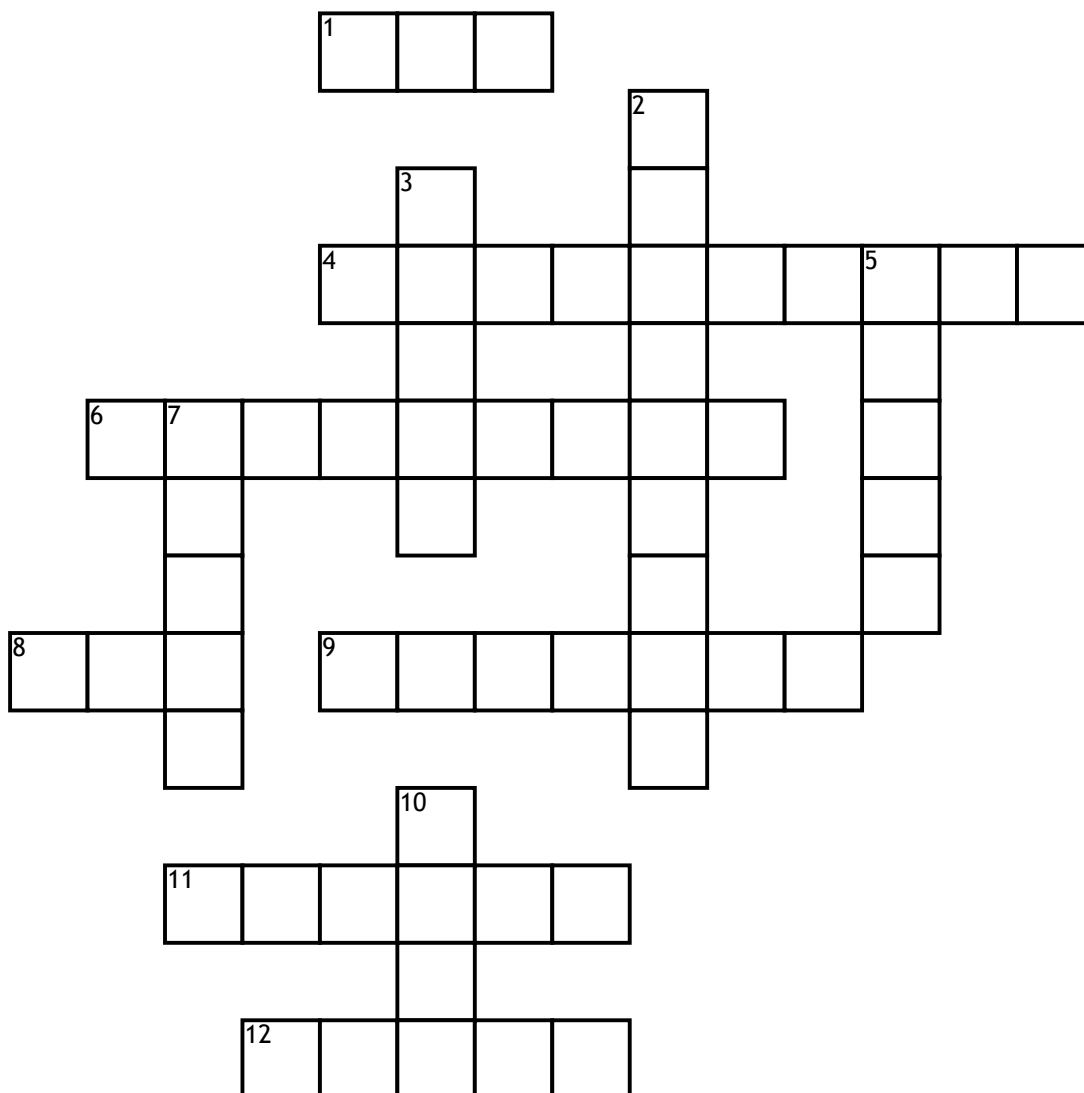


Chemical Crossword



Across

1. Number of Electrons for full 1st energy level
 4. Family that already has a full outer shell
 6. All atoms want
 8. Number of valence electrons for family 1
 9. Electrons in outer energy level of an atom

11. Column in periodic table determines the number of valence electrons

12. Number of electrons in 2nd energy level

Down

2. Sub-atomic particles involved in chemical bonding

3. Bond in which electrons are either gained or lost

5. Number of valence electrons for family 17

7. Number of atoms of chlorine in $AlCl_3$

10. It's good to be the