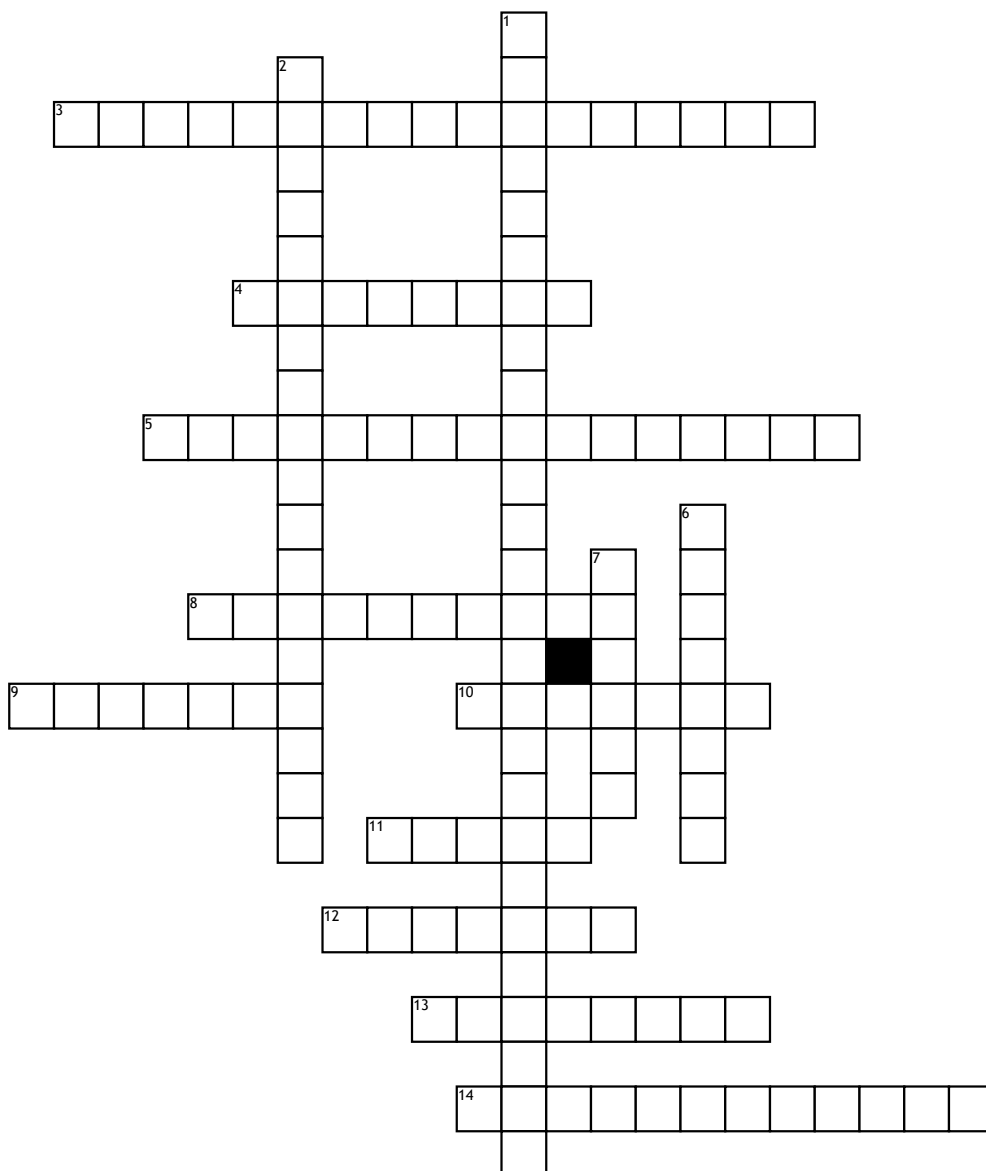


# Mod 13 Vocab



## Across

3. figuring out how old an object is
4. the amount of time it takes for a certain atom to decay to half the amount it started as
5. a process in which an atom will go through to make its nucleus stable
8. the sum of the protons and neutrons in an atom's nucleus

9. a group of atoms that all have the same number of protons

10. a small particle that is inside of an atom, it has no charge

11. a visual example of a system that shows its known properties

12. the center of an atom that holds the protons and neutrons

13. a small particle that orbits the nucleus of an atom, it has a negative charge

14. the number of protons in an atom

## Down

1. an organized chart that shows every element and their mass and atomic number

2. an atom with an unstable nucleus

6. atoms with the same number of protons and a different number of neutrons

7. a small particle that is inside of an atom, it has a positive charge