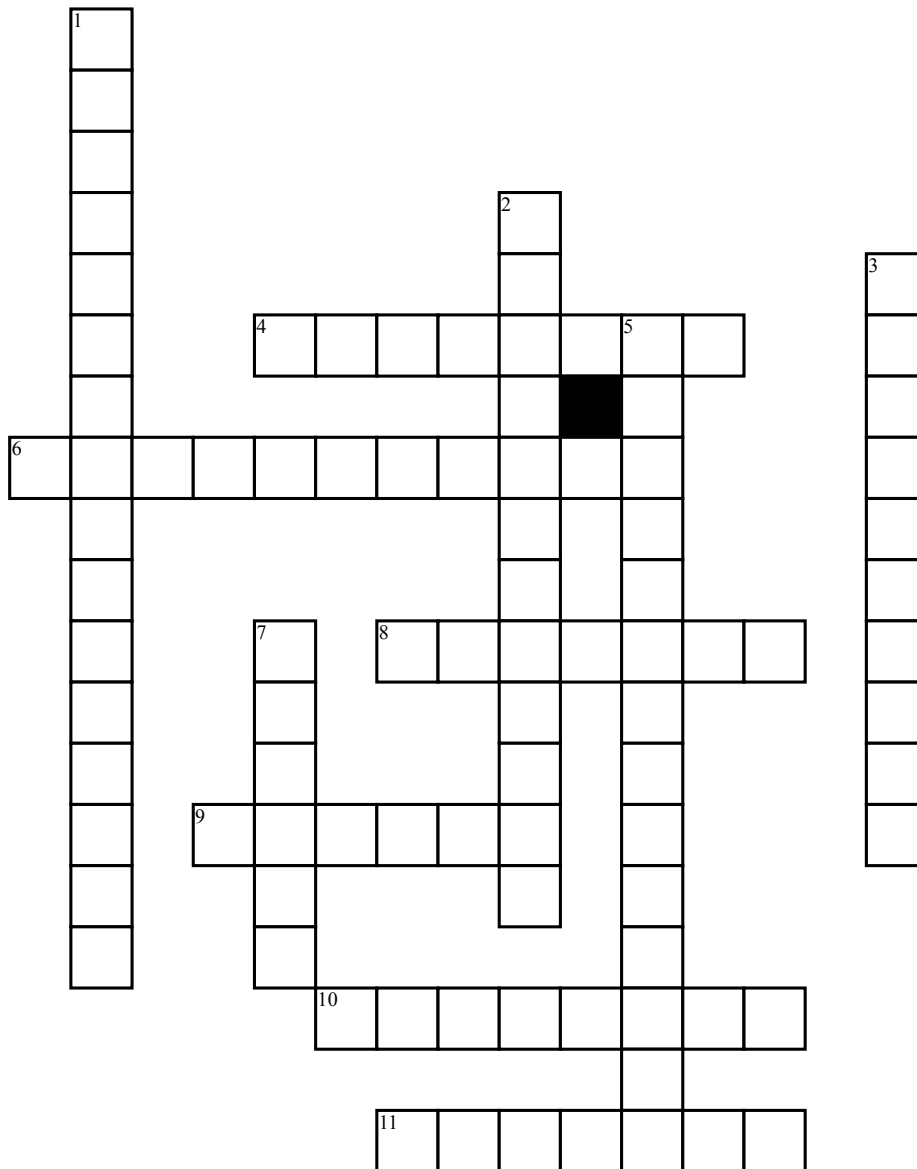


Atomic Vocab



Across

4. The name for atoms of the same element that have a different number of neutrons
6. What an isotope is called when the nucleus is unstable and emits energy as it deteriorates
8. The particle that has zero electric charge and is found inside the nucleus
9. What an isotope is called when the nucleus stays together
10. The particle that has a negative electric charge and is found outside the nucleus

11. The atomic core that is mostly positive

Down

1. The smallest possible electric charge in normal matter
2. The number of protons in the nucleus
3. The name for the sum of the protons and neutrons in an isotope
5. The fundamental property of matter that is both positive and negative
7. The particle that has a positive electric charge and is found inside the nucleus