

Name: _____

Date: _____

Atomic Structure Crossword Puzzle

Across

1. Plays in radioactive atoms that changes a neutron to a proton or electron.

5. An atom that has the same number of protons/atomic number as other atoms of the same element do but that has a different number of neutrons/atomic mass.

12. A type of physical that occurs between electrically charged particles.

13. A subatomic particle that has a positive charge and that is found in the nucleus of an atom.

14. An atom's central region, which is made up of protons and neutrons.

15. The sum of the number of protons and neutrons in the nucleus of an atom.

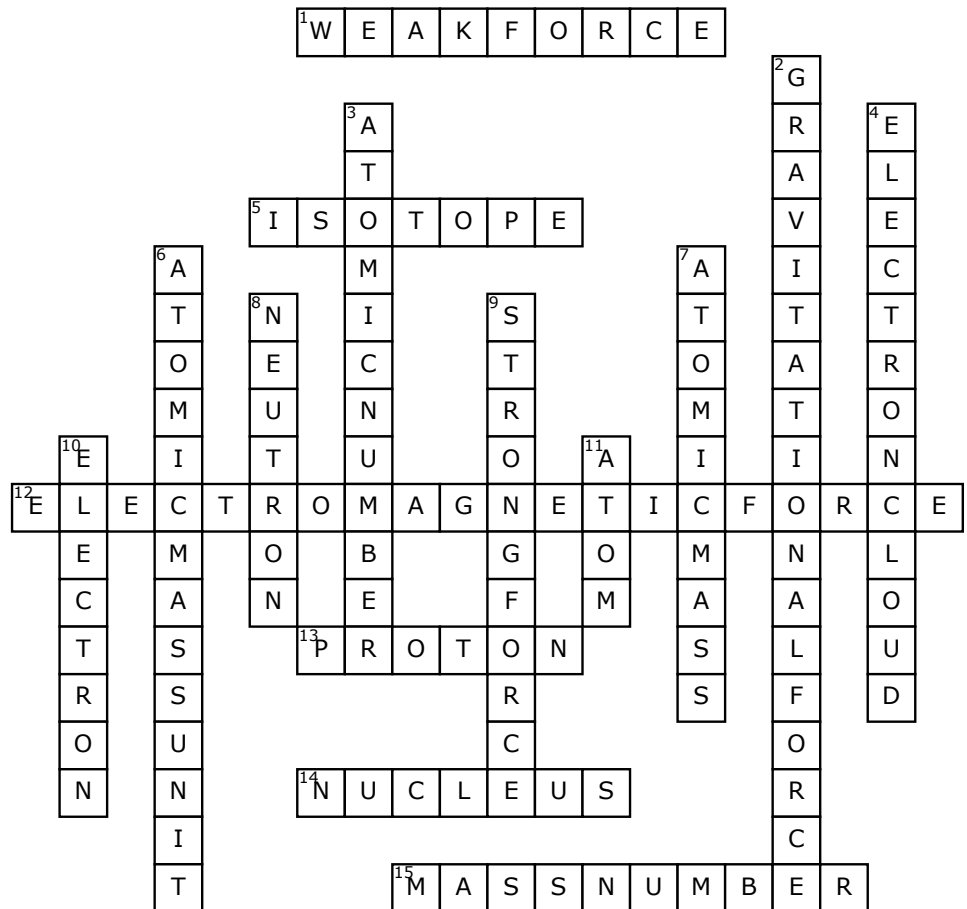
Down

2. A force that attracts any objects with mass.

3. The number of protons in the nucleus of an atom; the atom's number is the same for all atoms of an element.

4. A region around the nucleus of an atom whose electrons are likely to be found.

6. A unit of mass that describes the mass of an atom or molecule.



7. The mass of an atom expressed in atomic mass units.

8. A subatomic particle that has no charge and that is found in the nucleus of an atom.

9. The force that holds particles together in the atomic nucleus.

10. A subatomic particle that has a negative charge.

11. The smallest unit of an element that maintains the properties of that element.

