

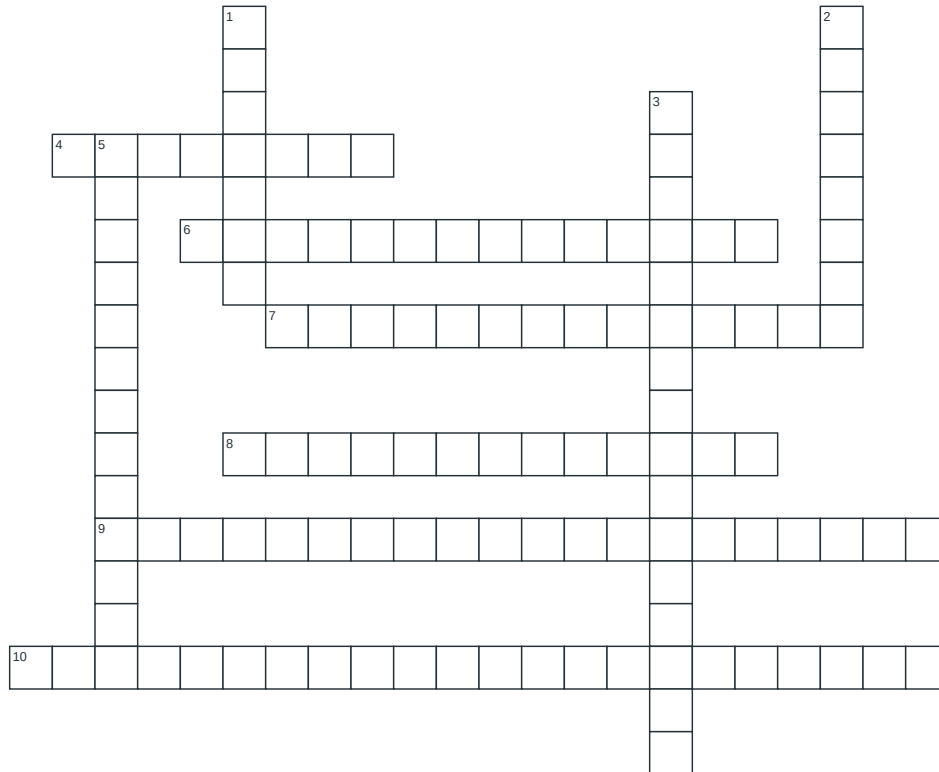
Nuclear Chemistry Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

4. Time for half the undecayed nuclei in a large sample to decay on average
6. Splitting of a large nucleus into smaller nuclei
7. High-energy electromagnetic radiation emitted during some nuclear changes
8. Joining of small nuclei to form a larger nucleus
9. Have different numbers of neutrons
10. Remains unchanged during an ordinary chemical reaction but may change in a nuclear reaction

DOWN

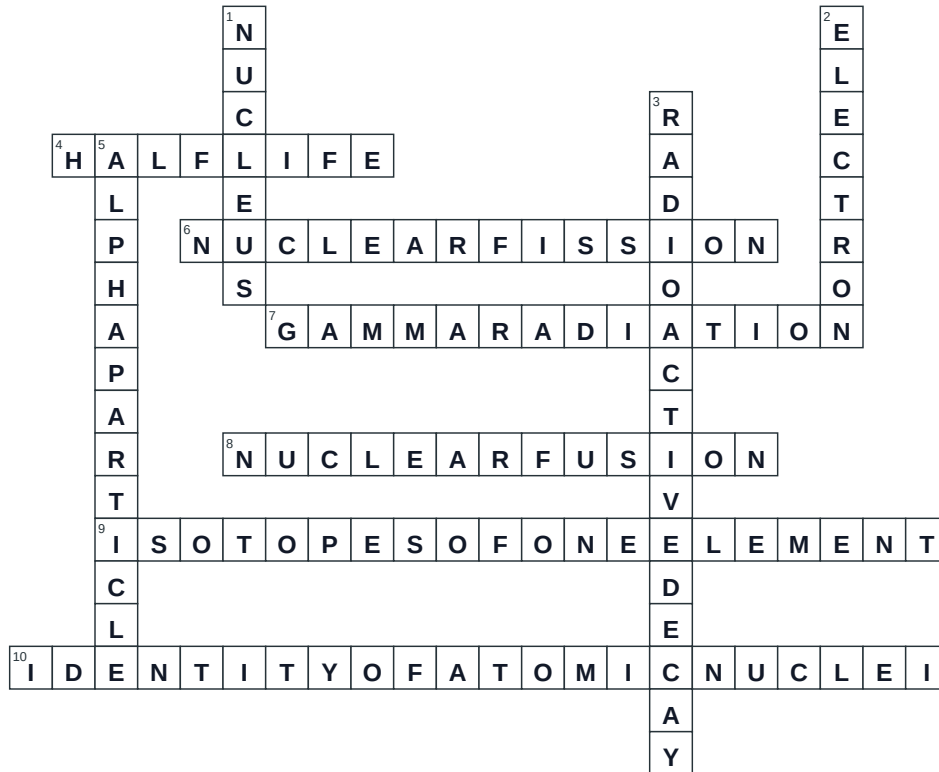
1. Protons and neutrons
2. Definition of a beta-minus particle emitted in nuclear decay
3. Spontaneous change of an unstable nucleus
5. Nuclear emission containing two protons and two neutrons

Nuclear Chemistry Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

4. Half-life
6. Nuclear Fission
7. Gamma Radiation
8. Nuclear Fusion
9. Isotopes Of One Element
10. Identity Of Atomic Nuclei

DOWN

1. Nucleus
2. Electron
3. Radioactive Decay
5. Alpha Particle