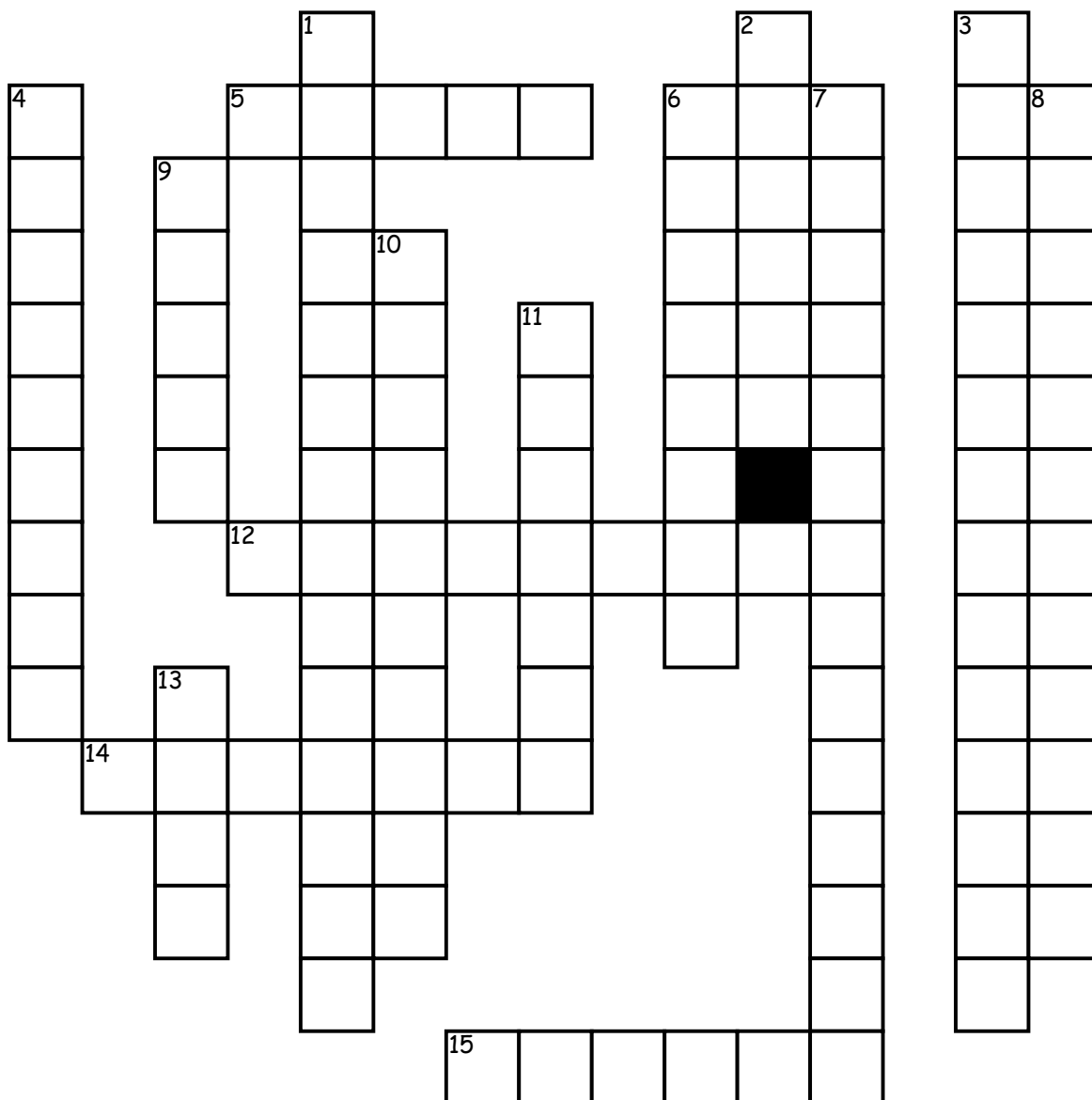


Name: _____ Date: _____ Period: _____

Radioactivity



Across

5. The emission of an Alpha particle from the nucleus of an atom
 12. who proposed the Bohr model in 1913
 14. A particle of an atom with no charge
 15. the act of joining two or more things together

Down

1. Who created $E=mc^2$ which is mentioned in the atomic bomb
 2. A particle of an atom with a positive charge
 3. a device that gets its destructive force from nuclear reactions
 4. the process of emitting radiant energy in the form of waves or particles
 6. A particle of an atom with a negative charge

7. splitting a nucleus

8. the use of nuclear reactions that release nuclear energy to create heat
 9. The emission of a high-energy wave from the nucleus of an atom
 10. Who was the first woman to win the Nobel Prize
 11. The action of splitting something in two or more parts
 13. The emission of a beta particle from the nucleus of an atom