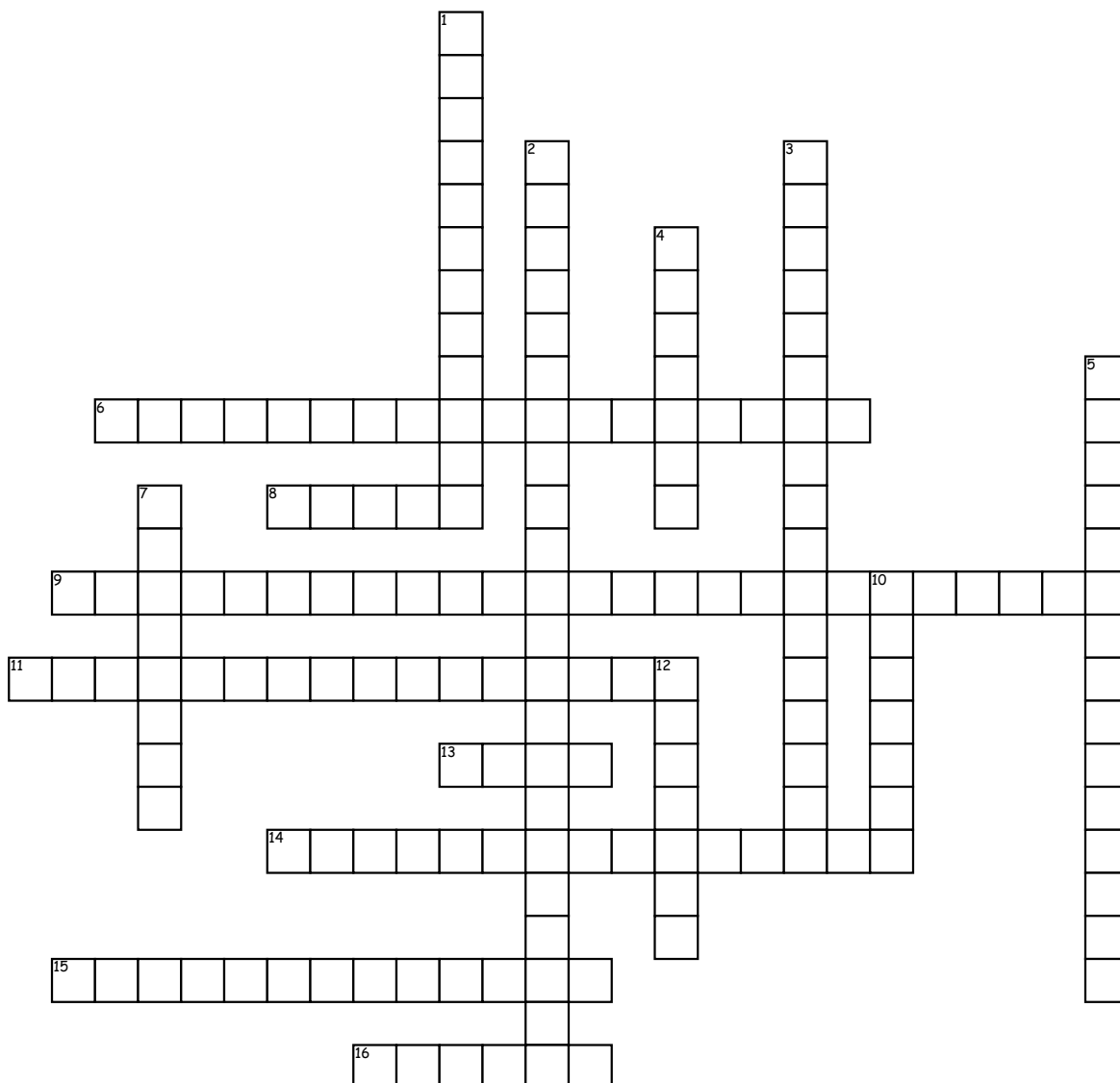


Name: _____ Date: _____ Period: _____

JRC2'17



Across

- 6. How many particles are atoms made out of?
- 8. where did the atomic bomb blow up?
- 9. what make up atoms?
- 11. studies photons.
- 13. small particles
- 14. Who created the atom theory?
- 15. a Lévy process

16. _____ theory is a scientific theory of the nature of matter, which states that matter is composed of discrete units called atoms.

Down

- 1. creator of the brownian motion
- 2. country that made the first atomic bomb.
- 3. creator of the atom bomb (nuke)
- 4. study of space and time

5. a theory of matter and energy based on the concept of quanta, especially quantum mechanics.

- 7. _____ motion or pedesis is the random motion of particles suspended in a fluid (a liquid or a gas) resulting from their collision with the quick atoms or molecules in the gas or liquid.
- 10. best kid in 3rd period
- 12. the study of nature