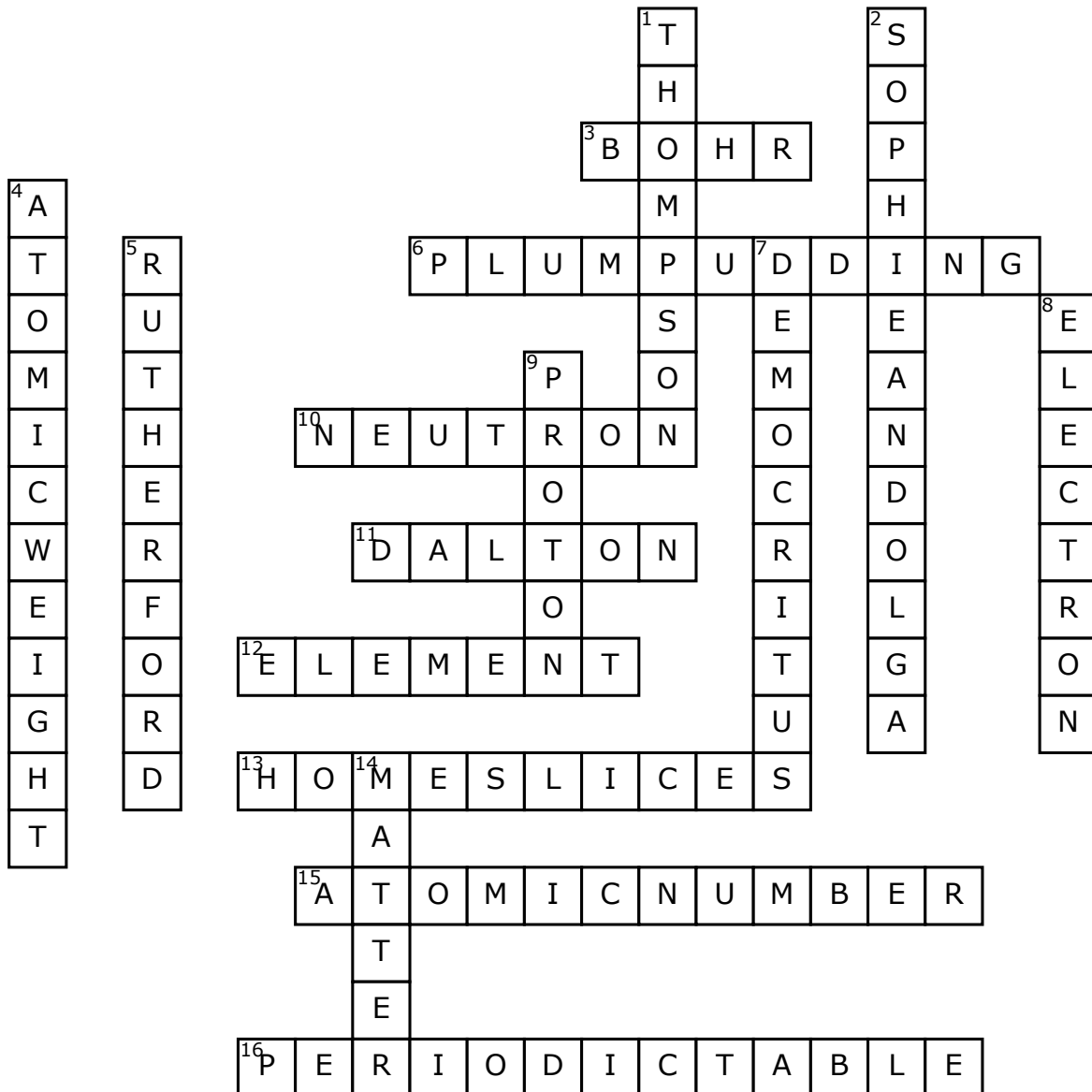


Matter and Atoms



Across

3. came up with a theory that said the electrons do not spiral into the nucleus and came up with some rules for what does happen.

6. J.J. Thompson's atom model's name

10. the neutral part of an atom

11. He performed experiments with various chemicals that showed that matter seemed to consist of elementary lumpy particles (atoms)

12. Can't be broken down any longer (an atom)

13. people who need to take notes

15. the whole number on the periodic table

16. the chart where all of the elements are

Down

1. In 1897, the English physicist discovered the electron and proposed a model for the structure of the atom. he knew that electrons had a negative charge and thought that matter must have a positive charge

2. The people who are going to get an A for this

4. decimal on the periodic table

5. In 1911 he thought it would be interesting to bombard atoms with these alpha rays, figuring that this experiment could investigate the inside of the atom.

7. First person to think of the atom

8. the negative charge of an atom

9. the positive part of the atom

14. Everything/anything that takes up space