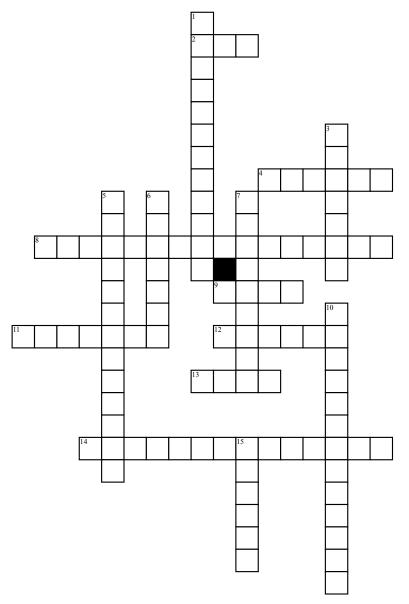
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## Chemistry crossword puzzle



## Across

- **2.** The first energy ring can hold up to how many electrons
- **4.** Vertical columns on periodic table
- **8.** These type of electrons determine the chemical reactivity of the element
- **9.** The smallest unit of matter
- **11.** Horizontal rows on periodic table

- **12.** The electrons cloud may not take up the most mass but it does take up the most.....
- **13.** The nucleus may not take up the most volume of a atom but it does take up....
- **14.** The study of smaller things than atoms

## Down

1. The part of the element square that determines the electron and the protons

- **3.** neutrally charged subatomic particle
- **5.** The electrons are in this part of the atom
- **6.** The protons and neutrons are in this part of the atom
- 7. negatively charged subatomic particle
- 10. Table of all elements
- **15.** Positively charged subatomic particle