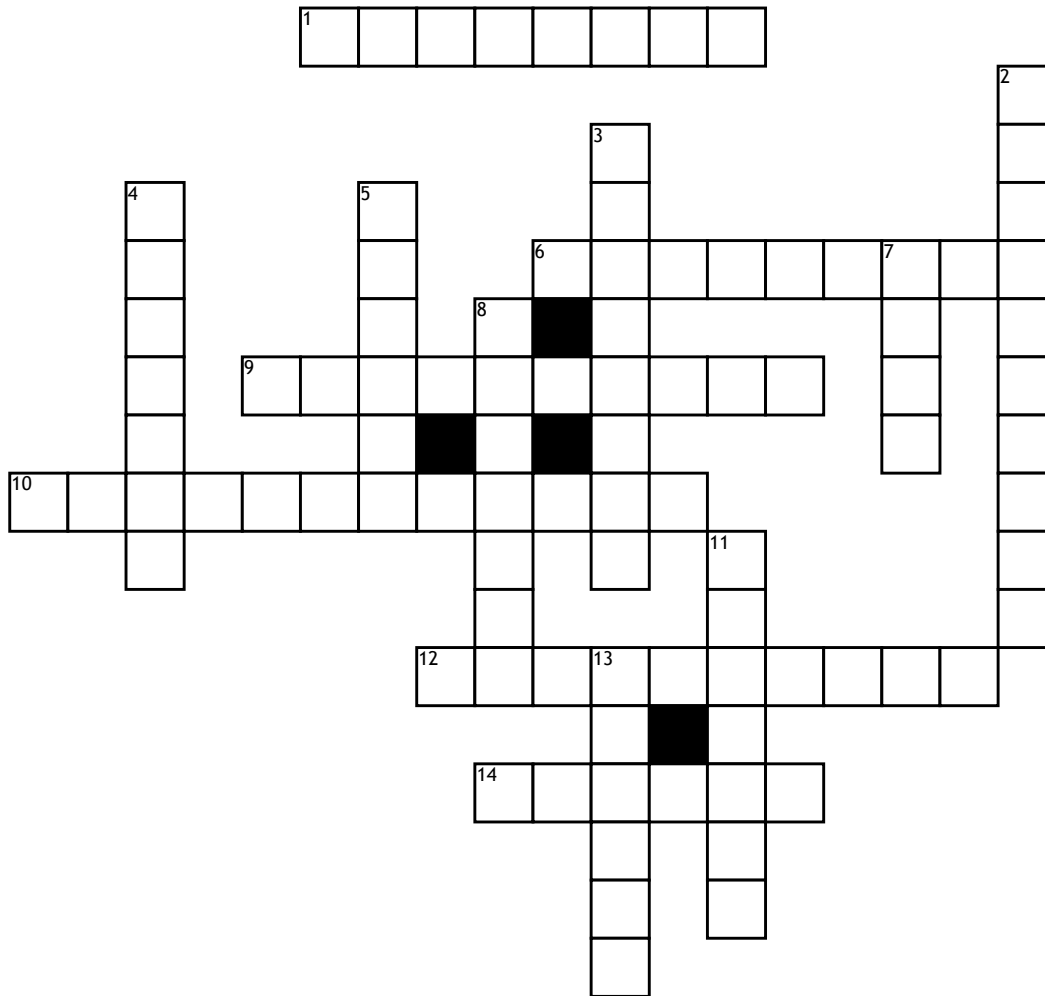


Name: \_\_\_\_\_

# States of matter



## Across

- 1. Invisible, negatively charged particle located in a cloudlike formation that surrounds the nucleus of an atom
- 6. elements that are usually gasses or brittle solids and poor conductors of electricity and heat
- 9. element that has characteristics of both metals and nonmetals

- 10. number of protons in the nucleus of each atom of a given element
- 12. average mass of an atom of an element
- 14. Anything that has mass and takes up space

## Down

- 2. element that is malleable ductile a good conductor of electricity
- 3. two or more atoms of the same element that have different numbers of neutrons in their nuclei

- 4. an uncharged particle located in the nucleus of an atom
- 5. positively charged particle located in the nucleus of an atom
- 7. A very small particle that makes up most kinds of matter
- 8. matter made of only one kind of atom
- 11. Positively charged central part of an atom
- 13. element that is malleable ductile a good conductor of electricity