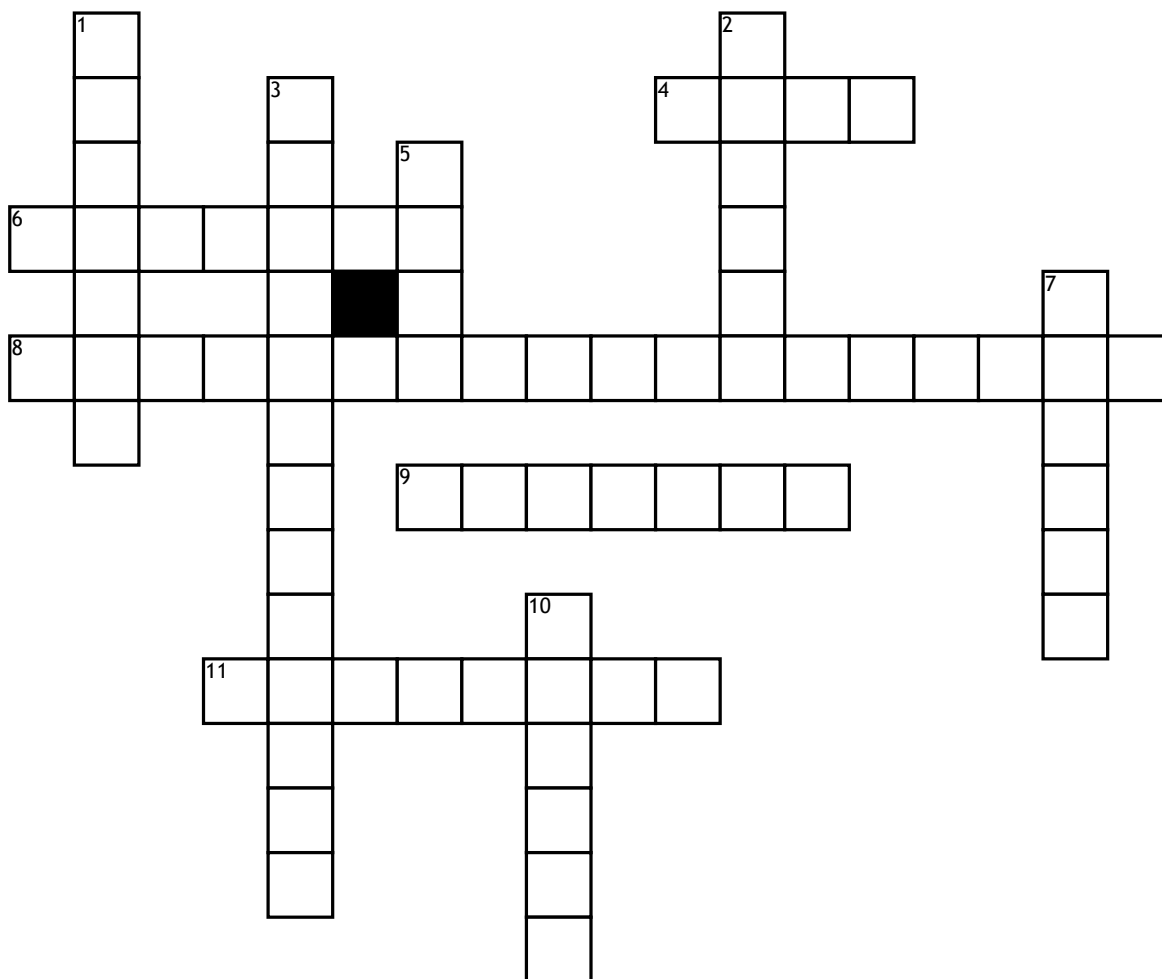


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# 8.5a



## Across

- 4. the amount of matter in something
- 6. a pure substance that cannot be broken down
- 8. the smaller parts of an atom-protons, neutrons, electrons
- 9. in the nucleus of an atom and has a neutral charge
- 11. located in energy levels or shells surrounding the nucleus of an atom and has a negative charge

## Down

- 1. the center of an atom containing protons and neutrons
- 2. Anything that has mass and takes up space
- 3. in the electron cloud model of an atom, the region around the nucleus where an electron may be found
- 5. The smallest part of an element that has the same properties of the element.
- 7. a row of elements in the Periodic Table, showing energy levels or shells
- 10. Has a positive charge, in nucleus of atom