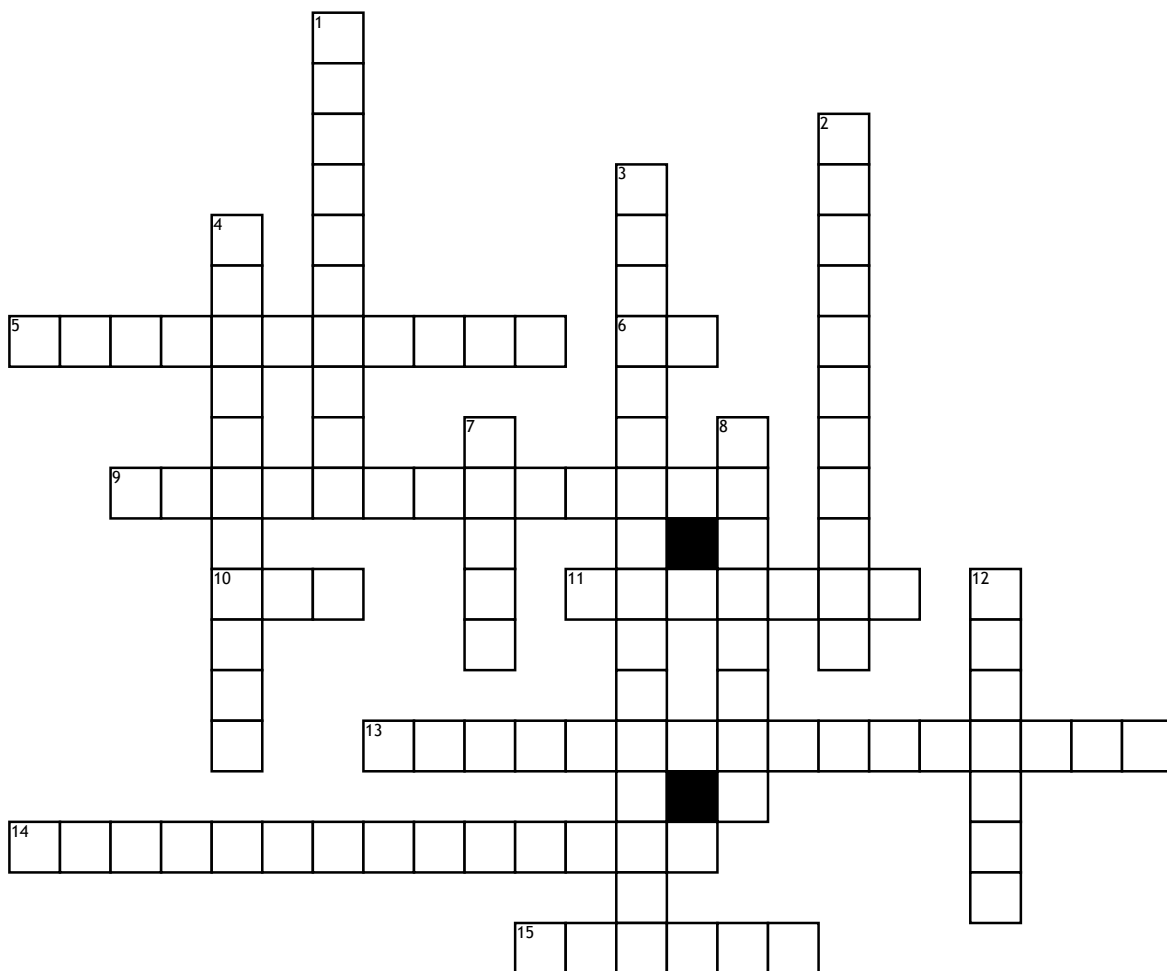


Name: \_\_\_\_\_

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

# MOLE DAY CROSSWORD



## Across

5. The volume that one mole of any gas occupies at a specified temperature and pressure is called ?

6. Molar volume is symbolized by what?

9. Sum of the atomic masses of all atoms in a molecule?

10. A mole is symbolized by what?

11. In an atom what determines the identity of an element?

13. What is being shared in a covalent bond?

14. Since the masses of protons, neutrons, and electrons developed a unit to simplify the quantities. What is the unit called?

15. Only contains the ions of two elements?

## Down

1. Contains a positive or negative ion that is made up of two or more atoms that share a net charge?

2. Contains cations that can have more than one charge?

3. When you observe a change in state, heat or light energy, odour, or colour what type of reaction is it?

4. Sum of the atomic masses of all atoms in an ionic compound?

7. What do you only use molar volume for?

8. Have the same number of protons but different number of neutrons?

12. Ionic compounds that decompose at low temperatures to produce water and an ionic compound?