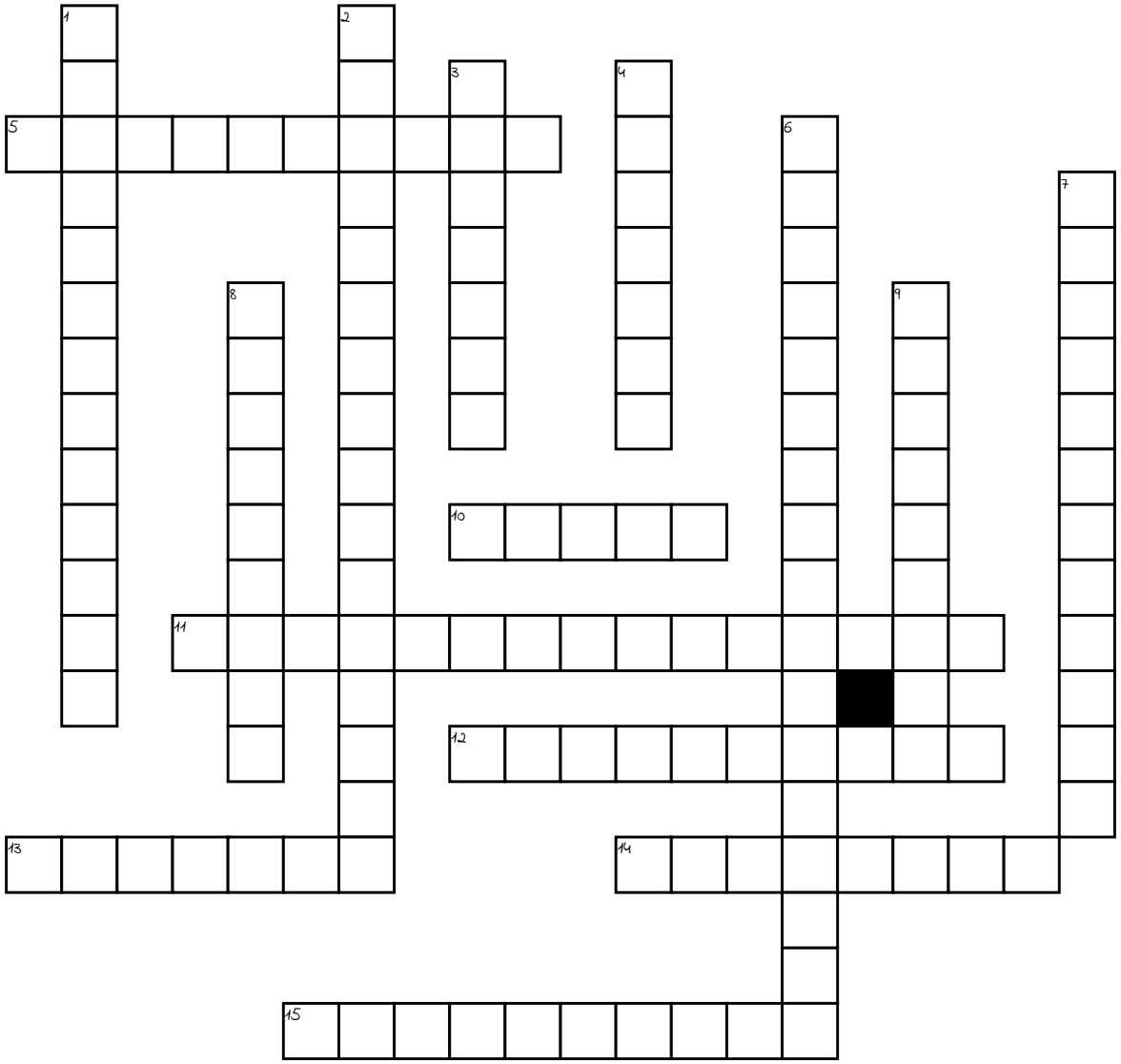
Name: _____ Date: _____ Period: _____

WEEK 3 VOCAB.



Across

5. a group of chemical elements with similar properties. Under standard conditions, they are all odorless, colorless, monatomic gases with very low chemical reactivity.

10. In the periodic table of the elements, each numbered column .

11. this is an outer shell electron that is associated with an atom.

12. the mass of an atomic particle, sub-atomic particle, or molecule.

13. a subatomic particle, symbol p or p+, with a positive electric charge

14. a subatomic particle, symbol n or no, with no net electric charge and a mass slightly larger than that of a proton.

15. a chemical element with properties in between, or that are a mixture of, those of metals and nonmetals

Down

1. the number of protons in the nucleus of an atom, which determines the chemical properties of an element and its place in the periodic table

2. any of the set of metallic elements occupying a central block (

3. In the periodic table of the elements, elements are arranged in a series of rows so that those with similar properties appear in a column.

4. this is a a group in the periodic table consisting of five chemically related elements: fluorine (F), chlorine (Cl), bromine (Br), iodine (I), and astatine (At).

6. six chemical elements in column (group) 2 of the Periodic table. They are beryllium (Be), magnesium (Mg), calcium (Ca), strontium (Sr), barium (Ba), and radium (Ra).

7. a group (column) in the periodic table consisting of the chemical elements lithium (Li), sodium (Na), potassium (K), rubidium (Rb), caesium (Cs), and francium (Fr).

8. an element or substance that is not a metal.

9. a stable subatomic particle with a charge of negative electricity, found in all atoms and acting as the primary carrier of electricity in solids.