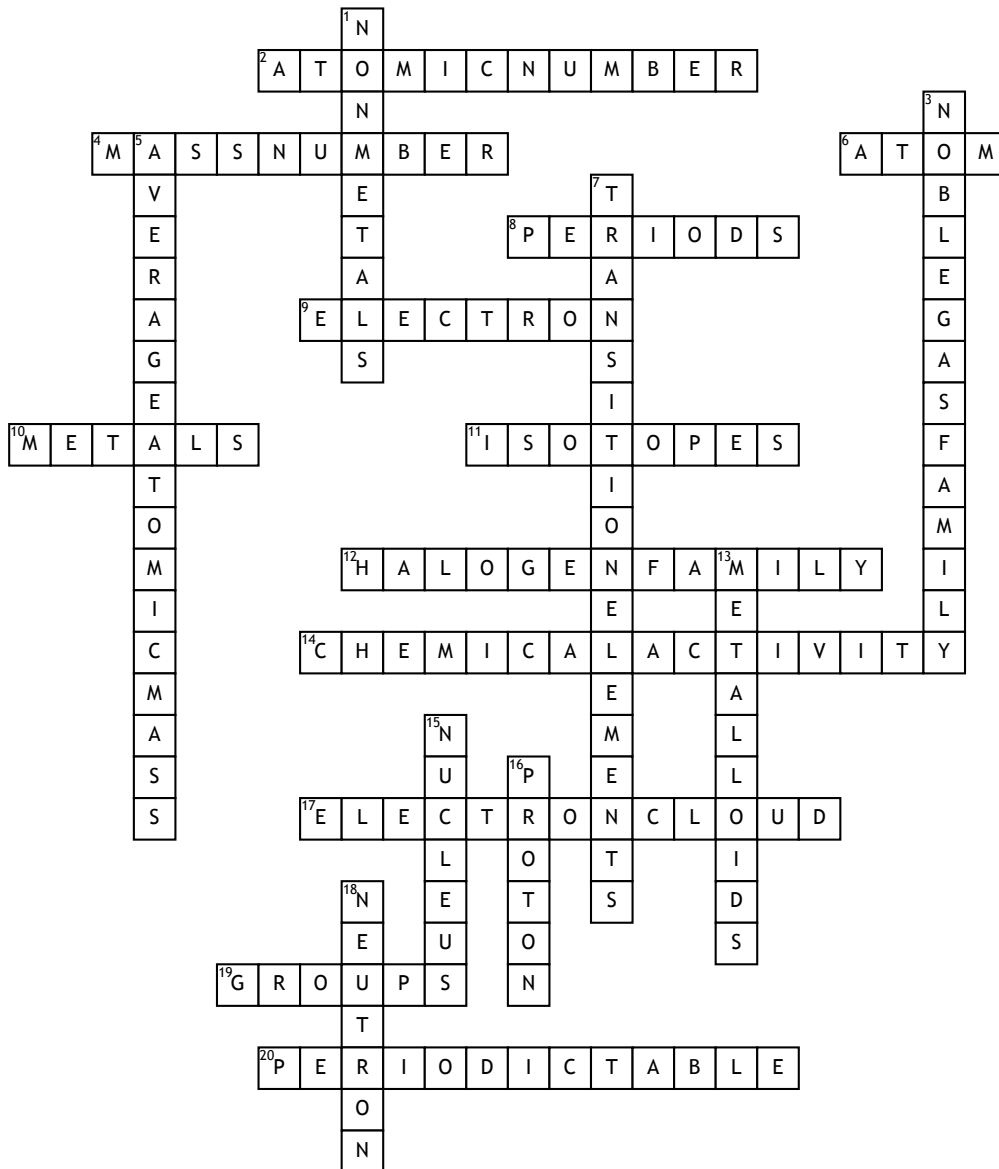


Name: _____

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Chapter 10 science vocabulary



Across

2. Number of protons in the nucleus of an atom
4. The sum of protons and neutrons in an atom
6. Smallest unit of an element
8. The horizontal rows of the periodic table
9. Negatively charged particle that moves inside the nucleus of an atom
10. Elements whose atoms commonly have three or fewer electrons in out energy level
11. Atoms of the same element with different numbers of neutrons

12. Elements that are in a group of 17 in the periodic table
14. The ease of which an element reacts to another element
17. Area around the nucleus occupied by electrons
19. A vertical column in the periodic table
20. Arrangement of the chemical elements in rows according to atomic numbers

Down

1. Element with 5 or more electrons in out energy level
3. Element in a group of 18 on the periodic table

5. Average of atomic masses of naturally occurring isotopes that make an element
7. The elements in groups of 3 through 12 on the periodic table
13. Has properties of metals and non-metals
15. The center of an atom containing neutrons and protons
16. A positively charged particle in the nucleus of an atom
18. A particle with no charge