

Periodic table movie /30

Name _____ hr ____

1. What states that when elements are arranged in order of increasing atomic mass, chemical and physical properties form patterns that repeat at certain intervals?

2. When was the first usable periodic table created by Mendeleev?

3. How much of the total size of the atom is the nucleus?

4. What is the number of protons in the nucleus called?

5. What is the unit used when massing an atom?

6. Isotopes of an element have the same number of _____ but different numbers of _____.

7. What are electrons farthest away from the nucleus called?

8. Metals are electron _____ and nonmetals are electron _____.

9. What kind of bond forms when electrons are transferred between a metal and a nonmetal?

10. What kind of bond forms when nonmetallic atoms share electrons?

11. What is formed when two or more metals are combined?

12. How many elements have been found since Mendeleev created his periodic table?

13. What is family 1 called? 2? 17? 18?

14. What are the Lanthanides and Actinides located at the bottom of the table?

15. What are the elements left of the staircase line called? Right? On the staircase?

16. What determines the period an element is in?

17. Metals become increasingly reactive as we go _____ and _____.

18. Nonmetals become increasingly reactive as we go _____ and _____.

19. What does Mg and O form?

20. What does C and Cl form?

21. To fit the facts it's _____.