Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class Number \_\_\_\_\_\_\_ Class Period \_\_\_\_\_\_\_\_

Chemistry Unit Review

Fill in the blanks with vocabulary terms that we have learned during our CHEMISTRY unit. Once you find the correct terms, find and circle the word in the word search on the back of this page.

1. Protons have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ charge.
2. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ arranges elements in order of atomic number.
3. Steel forms \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when it comes in contact with water and oxygen.
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are found in the nucleus and are the same as the atomic number.
5. Changing the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of something, like cutting paper, is a physical change.
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can be physical or chemical and may or may not alter the chemical nature of the substance.
7. Neutrons have \_\_\_\_\_\_\_\_\_\_\_\_ charge.
8. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the same as the number of protons and electrons.
9. When a log is in a fire the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is irreversible.
10. One or two letters that represent the element name is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
11. \_\_\_\_\_\_\_\_\_\_\_\_ is a chemical property that measure how acidic or basic a substance is.
12. A chemical \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ releases heat light and/or sound.
13. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_s are represented on the periodic table.
14. Protons have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ charge.
15. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is when two substances are combined, but can be easily separated.
16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ forms on silver and causes it to loose its shine.
17. The bottom number on the periodic table is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
18. If the new material is a different \_\_\_\_\_\_\_\_\_\_\_\_\_\_ than the original then a chemical change has occurred.
19. The number of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are found by subtracting the atomic number from the atomic mass.
20. A substance that is slowly breaking down into is basic parts has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ed.
21. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are negatively charged and are found in shells around the nucleus.
22. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to describe a substance physically or chemically.
23. A chemical change that occurs as we eat food is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
24. Electrons have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ charge.
25. A physical property that describes the state of matter is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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| --- | --- | --- |
| atomic mass | mixture | positive |
| atomic number | negative | property |
| burning | neutrons | protons |
| change | no charge | reaction |
| color | nucleus | rust |
| digestion | periodic table | size shape |
| electrons | ph | symbol |
| element | phase change | tarnish |