Number#

Grist Chemistry Final Review **Part 1** Name\_\_\_\_\_\_\_\_\_

Draw a Bohr model and a Lewis dot for magnesium… Then get your remote

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|  |

1. How many­­­\_\_\_ does Mg have?

a. protons

b. neutrons

c. electrons

d. Valence electrons

e. ionic charge

f. metal or nonmetal (circle one)

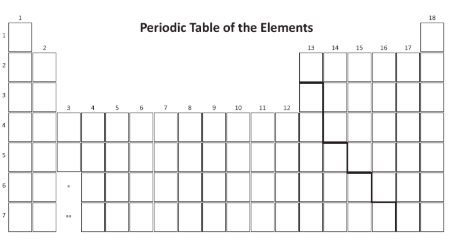
1. What is the difference between a group and a period?

\_\_\_\_\_\_\_\_\_ go across and \_\_\_\_\_\_\_\_\_ go up and down

1. What is the name of each of the following groups: 1, 2, 7, and 8? Match the number with the family
   1. Halogens \_\_\_\_
   2. Alkali metals\_\_\_\_
   3. Noble gasses\_\_\_\_
   4. Alkaline earth metals\_\_\_\_\_
2. Draw the electron dot structure (Lewis dot diagram) of every element in period 2. What do the dots represent? Label what the ionic charge would be for each.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Lithium | Beryllium | Boron | *Carbon* | Nitrogen | Oxygen | Fluorine | Neon |

1. What is the formula of the bonding of Li with P? What is the name of that formula?
2. On the periodic table color the metals and leave the nonmetals uncolored



1. What type of nuclear reaction makes the sun hot?
2. How is the Doppler Effect related to the big bang? (Watch video) Use the term “red shift” correctly in your answer.

<https://www.youtube.com/watch?v=h4OnBYrbCjY>

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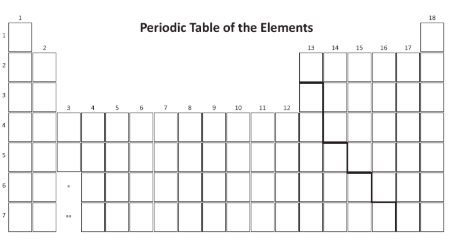
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