

## Periodic Table Homework

Name \_\_\_\_\_

Use a periodic table to complete your homework

1. Name two Noble Gases in Group 8A \_\_\_\_\_.  
Why are these elements considered stable or happy? \_\_\_\_\_.
2. Name two similar characteristics of potassium and calcium?  
\_\_\_\_\_.
3. Which atom is more reactive, sodium or sulfur? Why?  
\_\_\_\_\_.
4. How many valence electrons do these elements have?  
oxygen \_\_\_\_\_ nitrogen \_\_\_\_\_ calcium \_\_\_\_\_
5. How many energy levels (shells) do aluminum, argon and sodium have? \_\_\_\_\_.
6. Draw a periodic table square and label the atomic number, atomic mass, symbol, and name of the element.



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