|  |  |  |
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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Structure of the Atom

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  | 4 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  | 7 |  |  |
| 8 |  |  |  |  |  |  |  |  |  | 9 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
|  |  | 11 |  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 13 |  |  |  |  |  |  | 14 |  | 15 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 16 |  |  |  |  |  |  |  |  | 17 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 18 |  |  |  |  |  |  |  |  |
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|  |  |  | 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| --- | --- |
| **Across**  **3.** What does the "A" in "APE" stand for?  **5.** Where something is, is it's \_\_\_\_\_\_\_\_  **8.** Neutrons Mass  **9.** Protons Mass  **13.** Subatomic particle with a negative charge  **16.** Subatomic particle with a positive charge  **17.** What is in between the nucleus and the electron cloud  **18.** The nucleus is made up of \_\_\_\_\_ subatomic particles  **19.** Electrons mass  **20.** The electron is located here | **Down**  **1.** An electrons charge is \_\_\_\_\_\_\_\_\_\_  **2.** What are protons,nuetrons, and electrons  **4.** Located in the Middle of an atom  **6.** A protons charge is \_\_\_\_\_\_  **7.** Proton+Nuetron=\_\_\_\_\_\_\_\_\_\_\_  **10.** Whether a subatomic particle is positive, negative, or neutral  **11.** A neutrons charge is\_\_\_\_\_\_\_\_  **12.** The overall charge of an atom is\_\_\_\_\_\_  **14.** Subatomic particle with a neutral charge  **15.** What does the "M" in "MAN" stand for? |