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

ATOMS

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|  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **1.** Atoms cannot be split into \_\_\_\_\_\_\_\_\_.  **3.** what atom has a neutral charge  **9.** where is an atom's mass concentrated  **11.** John Dalton made the \_\_\_\_\_ model  **12.** Which atom has a positive charge  **14.** Dalton viewed atoms as a \_\_\_\_\_\_\_\_\_\_.  **15.** The man with the original theory of atoms  **18.** Ernest Rutherford conducted the\_\_\_\_\_\_\_ experiment  **19.**  Unit of measurement for subatomic paricles  **20.** Erwin Schrodinger made the\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ model | **Down**  **2.** Niels bohr made the \_\_\_\_\_ model  **4.** matter is made up of \_\_\_\_\_\_\_\_\_\_  **5.** Ernest Rutherford made the \_\_\_\_\_\_\_\_\_\_ model  **6.** J.J Thomson made the \_\_\_\_\_\_\_\_\_ model  **7.**  the mass of a proton and neutron  **8.** \_\_\_\_\_\_\_\_\_\_ discovered neutrons  **10.** the mass of a electron  **13.** \_\_\_\_\_\_ explains why electrons do not fall in the nucleus  **16.** which atom has a negative charge  **17.** atomic mass is measured by the \_\_\_\_\_\_\_ of atoms |