|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

The Atom

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

|  |  |
| --- | --- |
| **Across**  **1.** unit for measuring the number of molecules in a substance  **7.** a burning substance that gives out heat, smoke, and light  **11.** indefinite shape  **12.** smallest component of an element  **14.** process that occurs within an atom  **15.** colorless liquid  **16.** extremely small constituents of matter  **19.** a very small unit of matter that the particles of an atom consist of  **20.** part of a molecule consisting of series of atoms connected in a line | **Down**  **2.** gaseous element present in the suns atmosphere (symbol He)  **3.** group of electrons revolving around the nucleus of an atom  **4.** relative atomic mass  **5.** invisible gaseous substance surrounding the earth  **6.** colorless flammable gas (symbol H)  **8.** element that has a negative charge  **9.** element that has no charge  **10.** positively charged mass within an atom.  **13.** the planet we live on  **17.** propelled or driven by atomic energy  **18.** positively charged element |