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| Dalton’s Atomic Theory (1808) | | |
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| **1** | **All matter composed of extremely small particles called atoms** |  |
| **2** | **Atoms of a given element are identical in size, mass, and other properties** |  |
| **3** | **Atoms of different elements differ in size, mass, and other properties** |  |
| **4** | **Atoms cannot be subdivided, created, or destroyed** |  |
| **5** | **Atoms of different elements combine in simple whole-number ratios to form chemical compounds** |  |
| **6** | **In chemical reactions, atoms are combined, separated, or rearranged** | N-5 |

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