Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period;\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. All matter is composed of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. An atom is the smallest particle into which an \_\_\_\_\_\_\_\_\_\_\_\_\_ can be\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and still be the same\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. John Dalton published an Atomic theory. Dalton’s theory stated that all \_\_\_\_\_\_\_\_ of a particular \_\_\_\_\_\_\_\_\_ are \_\_\_\_\_\_\_\_\_\_\_\_\_, but are different from atoms of different \_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Atoms are made up of three smaller particles, \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are found in the nucleus of an atom.
6. Protons have a \_\_\_\_\_\_\_\_\_\_\_\_charge, \_\_\_\_\_\_\_\_\_\_\_ has a neutral charge, and \_\_\_\_\_\_\_\_\_\_ have a negative charge.
7. Electrons are found \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. We can describe atoms by their \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ and atomic \_\_\_\_\_\_\_\_\_\_\_\_.
9. The atomic number indicates the number of \_\_\_\_\_\_\_\_\_\_\_\_ in an atom.
10. The atomic mass is the number of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in an atom.