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## Basic Electricity – Unit 3 Part 1: Atomic Structure

### Worksheet 2

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Complete the worksheet by filling in the blanks in the statements below.

1. \_\_\_\_\_ are the basic building blocks of ordinary matter.
2. Atoms can join together to form \_\_\_\_\_
3. Atoms are composed of particles called \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
4. \_\_\_\_\_ carry a positive electrical charge.
5. \_\_\_\_\_ carry a negative electrical charge.
6. \_\_\_\_\_ carry no electrical charge at all.
7. \_\_\_\_\_ and \_\_\_\_\_ cluster together in the central part of the atom, called the \_\_\_\_\_.
8. \_\_\_\_\_ 'orbit' the nucleus.
9. A particular atom will have the \_\_\_\_\_ number of protons and electrons and most atoms have at least as many neutrons as protons.
10. Protons and neutrons are both composed of other particles called \_\_\_\_\_ and \_\_\_\_\_.





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