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## ATOMIC STRUCTURE

## Vocabulary Review

Match the correct vocabulary term to each numbered statement. Write the letter of the correct term on the line.

## Column A

- \_\_\_\_\_ 1. defined as  $\frac{1}{12}$  the mass of a carbon-12 atom
- \_\_\_\_\_ 2. central core of an atom, which contains most of the atom's mass
- \_\_\_\_\_ 3. a vertical column of elements in the periodic table
- \_\_\_\_\_ 4. subatomic particles with no charge
- \_\_\_\_\_ 5. positively charged subatomic particles
- \_\_\_\_\_ 6. the smallest particle of an element that retains its identity in a chemical reaction
- \_\_\_\_\_ 7. the number of protons in the nucleus of an element
- \_\_\_\_\_ 8. negatively charged subatomic particles
- \_\_\_\_\_ 9. atoms with the same number of protons but different numbers of neutrons
- \_\_\_\_\_ 10. an arrangement of elements according to similarities in their properties

## Column B

- a. isotopes
- b. neutrons
- c. atom
- d. electrons
- e. atomic number
- f. atomic mass unit
- g. group
- h. nucleus
- i. periodic table
- j. protons