

**Note-taking Worksheet** (continued)

- D. A \_\_\_\_\_ occurs when electrons are unevenly shared.
- \_\_\_\_\_ molecules such as water have two opposite ends, or poles, like a magnet.
  - \_\_\_\_\_ bonds form between atoms of the same element.
- E. Symbols are used to \_\_\_\_\_ atoms and compounds.
- \_\_\_\_\_ are represented by a one-, two-, or three-letter symbol.
  - \_\_\_\_\_ are described using element symbols and numbers.
  - In the formula  $H_2$ , the small 2 after the H is called a \_\_\_\_\_, and indicates the number of \_\_\_\_\_ of hydrogen that are in the molecule.
  - A \_\_\_\_\_ is a combination of chemical symbols and numbers.
    - It tells which \_\_\_\_\_ are present and how many \_\_\_\_\_ of each element are present.
    - No subscript means that \_\_\_\_\_ atom of that element is present.