

# Brainpop—Atoms

Name:

Period:

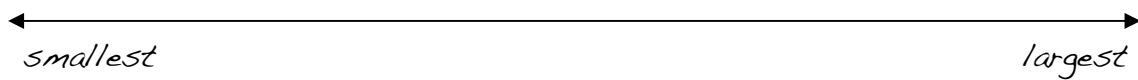
Start by watching the Brainpop on atoms, then follow the instructions to answer the questions below.

When you finish watching the cartoon, on the same page as the cartoon on atoms, select Challenge from the right side of the screen.

On the next screen, select the REVIEW button. As you work through the different activities and check your answers, be sure to copy down the correct answers onto this handout to turn in at the end of class. When the challenge is finished, it will let you review your correct answers. If it will help, you may open a second tab, and use your bookmark to get to Chem4Kids and use pages in that site as well.

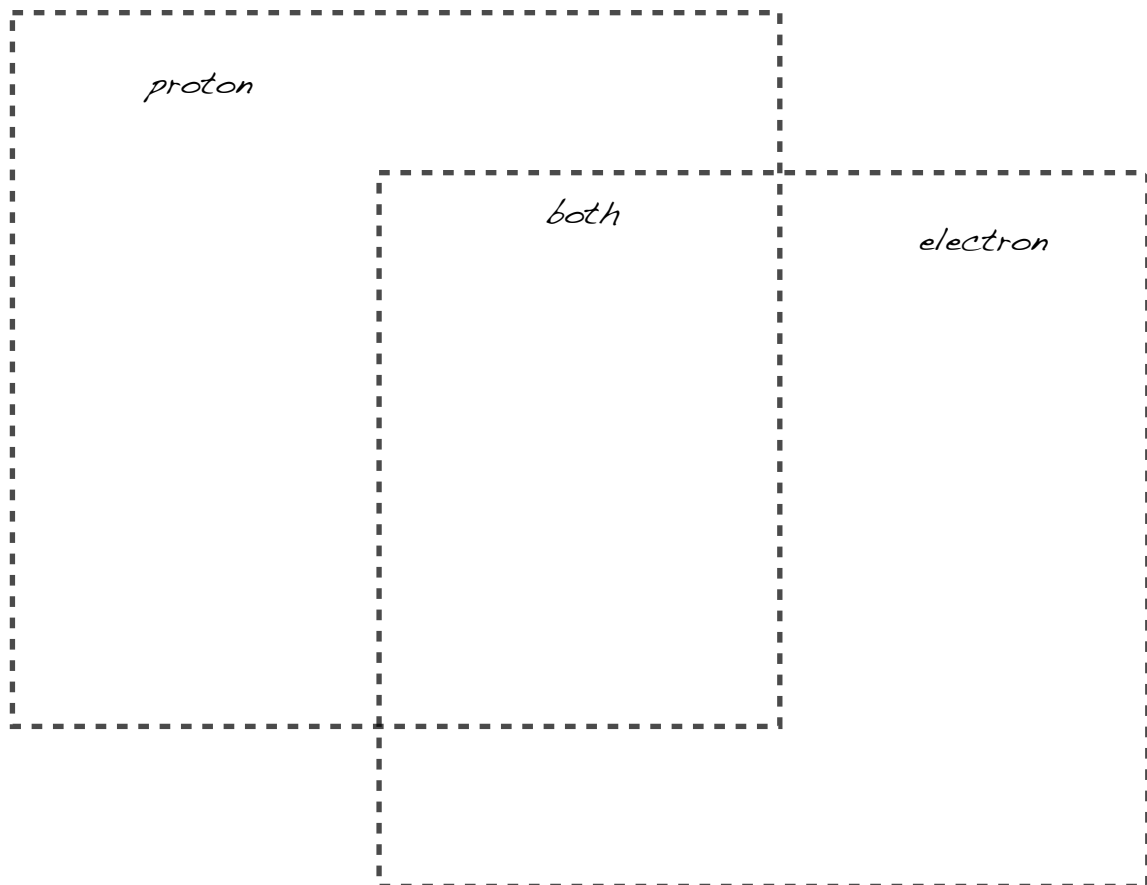
1. Place the particles in order from smallest to largest on the arrow line below:

atom    electron    molecule    neutron    nucleus



2. Put the facts in the appropriate sections of the Venn diagram:

found in all matter    negative charge    exists in nucleus    attracts opposite charge  
moves at extreme speed    bound by strong force



**turn over for more**

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3. Which statements about water are true? Choose more than one answer by writing TRUE on the line next to the statement. If the statement is not true, leave the line blank.

\_\_\_\_\_ every molecule of water contains two atoms of oxygen

\_\_\_\_\_ hydrogen and oxygen have different properties when separated

\_\_\_\_\_ molecules of water cannot be broken apart

\_\_\_\_\_ water does not appear on the periodic table of elements

\_\_\_\_\_ water molecules contain a lot of empty space

\_\_\_\_\_ water molecules have no subatomic particles

4. Finish the concept map below by adding SOME of the following terms to the empty boxes:

atoms    chemical properties    electrical charge    electrons    nucleus    protons

