

Brainpop Challenge—Atoms

Name:

Period:

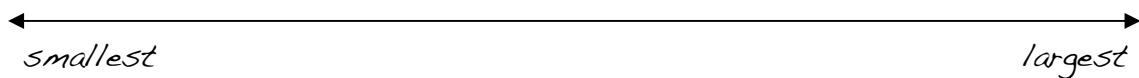
Watch the Brainpop on atoms, then answer the questions below. To log in to the website:

user: hardenms password: brainpop

Search for the cartoon on Atoms, get to that page, then 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.

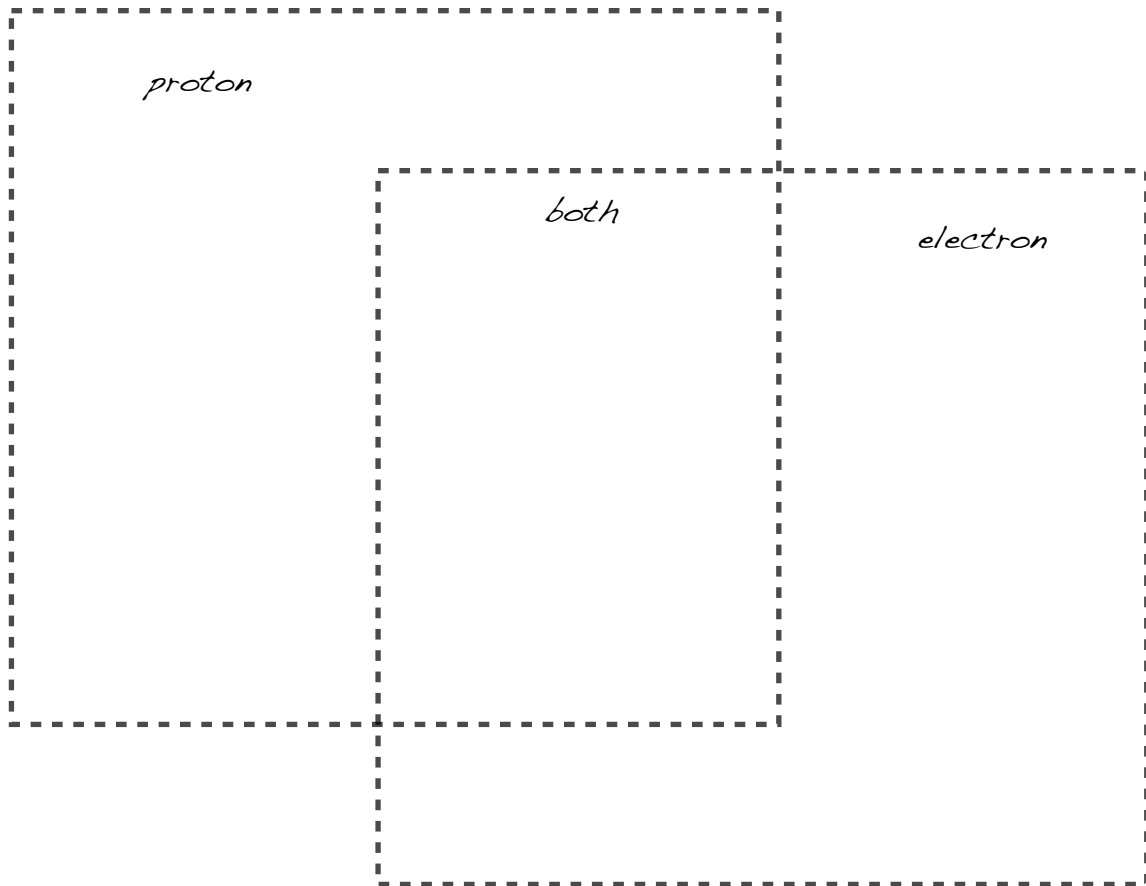
1. Place the particles in order from smallest to largest on the arrow line below:

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

