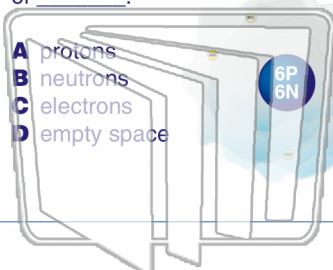




Name _____ Class _____ Date _____

1 According to the **modern theory** of atomic structure, most of an atom is made up of _____.

- A protons
- B neutrons
- C electrons
- D empty space



2 CO_3 is a polyatomic ion named **carbonate**. Knowing this, what is the correct name for the compound Na_2CO_3 ?

- A sodium carbon dioxide
- B sodium carbonate
- C sodium oxide
- D potassium carbonate

3 What is the total **number of atoms** in the chemical formula shown below?

4 Explain the **arrangement** of the molecules in the diagram of water below.

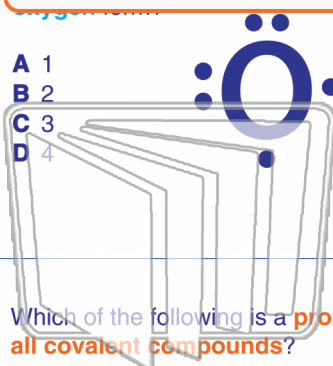


PREVIEW

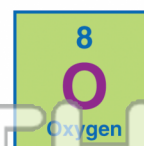
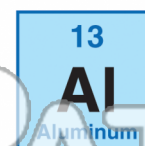
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7

- A 1
- B 2
- C 3
- D 4

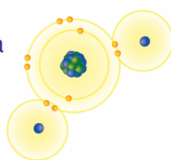


- A AlO
- B Al_2O_3
- C Al_3O_2
- D Al_2O_2



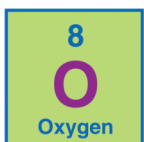
9 Which of the following is a **property** of **all covalent compounds**?

- A They are formed from a metal and a nonmetal.
- B They are solids.
- C They share electrons.
- D They conduct electricity.



10 What is the chemical formula for **silicon dioxide**?

- A 2SiO
- B Si_2O
- C SiO
- D SiO_2

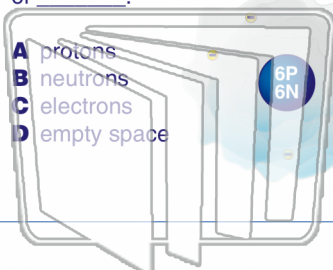




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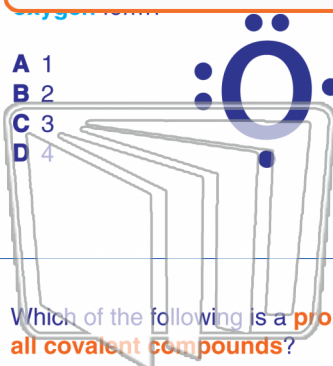
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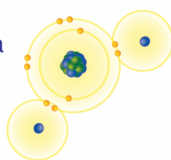


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