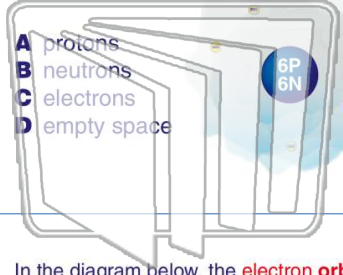




Name _____ Class _____ Date _____

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 Two atoms of the **same element** must have the same _____.

- A number of protons
- B mass number
- C number of neutrons
- D size

3 In the diagram below, the **electron orbits** are sometimes referred to as **energy levels**. What is the explanation for this?

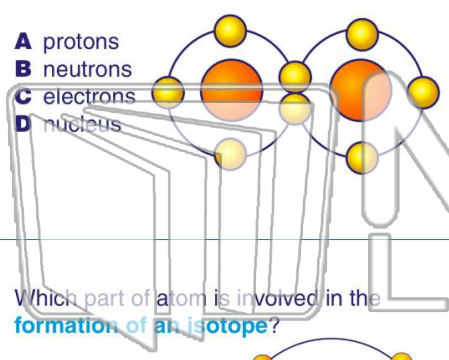
4 Using the diagram below, explain why the **electrons do not** totally **leave** the area around the **nucleus**.



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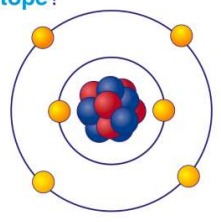


- A protons
- B neutrons
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- A the number of neutrons it has
- B the number of protons it has
- C the shape of the atom
- D the energy of its electrons

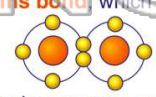
9 Which part of atom is involved in the **formation of an isotope**?

- A its protons
- B its electrons
- C its neutrons
- D its electron orbits



10 When two or more **atoms bond**, which of these is correct?

- A Bonded atoms of different elements make up compounds.
- B Bonded compounds of different elements make up atoms.
- C Elements bond to make up atoms.
- D Compounds are made from only one element.

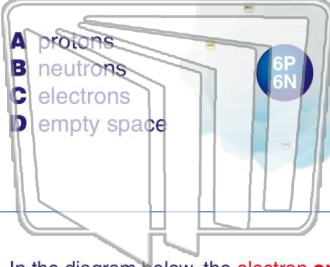




Name _____ Class _____ Date _____

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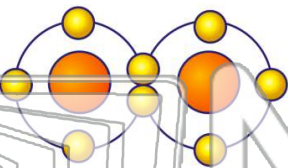


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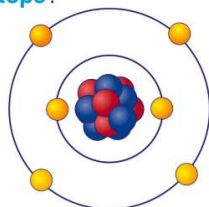


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