

1 Atomic Structure

1.1 atomic number and mass

1. The _____ is the number of _____ in the nucleus of an atom.
2. The _____ is the total number of _____ and _____ in the nucleus of an atom.

3.



What does the 1 mean?

4.



5. What does the 4 mean?

6. What does the 2 mean?

7.



How many protons does Lithium have? _____

How many neutrons does Lithium have? _____

8.



based on this symbol, how many protons does Hydrogen have? _____

How many neutrons? _____

1.2 The Bohr model

9. The Bohr Model - Bohr proposed that an atom was a nucleus with electrons "orbiting" in different _____.
10. The electrons closest to the nucleus have the _____ energy, while those further from away have _____ energy.

