



Build an Atomic Model

Here's a tip for placing your electrons.

The innermost shell is filled first. This shell can contain a maximum of two electrons. The second shell can hold a maximum of eight electrons. When this is filled, electrons go into the third shell, which also holds a maximum of eight electrons.

1	Atomic number	92
H	Symbol	U
Hydrogen	Name	Uranium
1.01	Atomic mass	238.03

<u>Element Name</u>	<u>Atomic Number</u> <i>(The number of protons, which is equal to the number of electrons.)</i>	<u>Number of Neutrons</u> <i>(Round the atomic mass to the nearest whole number. Then subtract the atomic number from the atomic mass.)</i>	<u>Draw your finished model</u>
BORON	5 protons 5 electrons	11-5 = 6 6 neutrons	