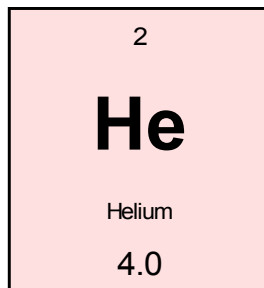


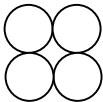
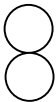
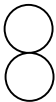
Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

## Protons, Neutrons and Electrons

The **atomic number** of an atom is the number of **protons** in each atom of that element. Because atoms are electrically neutral, the atomic number is also the number of electrons. The atomic mass tells the number of protons and neutrons of an atom. By subtracting the atomic number from the atomic mass you can find the number of neutrons.

**Task:** Use the periodic table to complete the chart below. Fill in all the missing information in the blank spaces.



<b>atomic mass</b> = 4	<b>atomic number</b> = 2	<b>number of neutrons</b>
		
4	2	= 2

ELEMENT	SYMBOL	ATOMIC NUMBER	ATOMIC MASS	PROTONS	NEUTRONS	ELECTRONS
Helium	He	2	4	2	2	2
Nitrogen						
Carbon		6				
Sodium						
	K					
Iron						
Copper				29		
Silver						
Cobolt						
	Ar					
	Mg					
Thallium						
Krypton						
Nickel						
Manganese						