

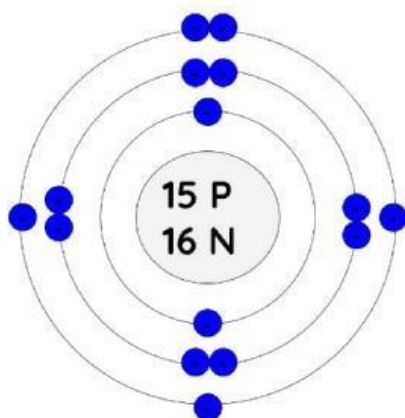
## ATR\_(\*) Number of Protons, Neutrons, and Electrons

Name: \_\_\_\_\_ Period: \_\_\_\_\_

1. What is the mass number for a carbon atom that has 6 protons and 8 neutrons?
  
2. What is the mass number for a lithium atom that has 3 protons and 4 neutrons?
  
3. Mass number = protons + neutrons.  
 Neutrons = \_\_\_\_\_

|                                                                                                                                                                                                             |                                                                          |                                                                                                                          |                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 8<br><br><b>O</b><br>OXYGEN<br>16                                                                                          | How many <b>electrons</b> surround the nucleus of an <b>oxygen</b> atom? | 12<br><br><b>Mg</b><br>MAGNESIUM<br>24 | How many <b>electrons</b> surround the nucleus of a <b>magnesium</b> atom? |
| 7<br><br><b>N</b><br>NITROGEN<br>14                                                                                       | How many <b>particles</b> are in the nucleus of a <b>nitrogen</b> atom?  | 17<br><br><b>Cl</b><br>CHLORINE<br>35 | How many <b>particles</b> are in the nucleus of a <b>chlorine</b> atom?    |
| 92<br><br><b>U</b><br>URANIUM<br>238  | How many <b>protons</b> does a <b>uranium</b> atom have in its nucleus?  | 79<br><br><b>Au</b><br>GOLD<br>197   | How many <b>protons</b> does a <b>gold</b> atom have in its nucleus?       |
| 11<br><br><b>Na</b><br>SODIUM<br>23                                                                                      | How many <b>neutrons</b> does a <b>sodium</b> atom have in its nucleus?  | 20<br><br><b>Ca</b><br>CALCIUM<br>40 | How many <b>neutrons</b> does a <b>calcium</b> atom have in its nucleus?   |

## ATR\_(\*) Number of Protons, Neutrons, and Electrons

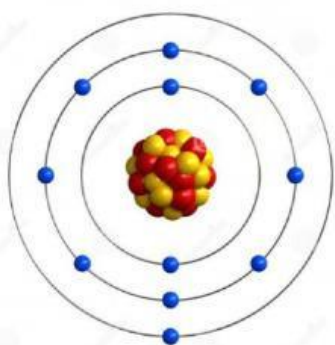


Name:

# Protons:

# Neutrons:

Mass Number:



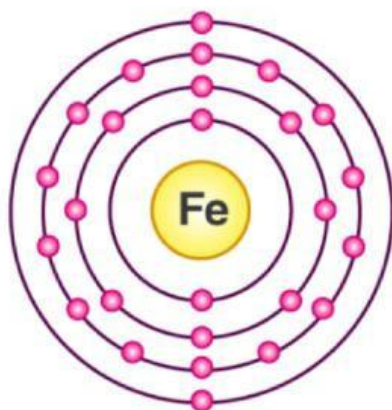
● 11 Protons ● 12 Neutrons ● 11 Electrons

Name:

# Protons:

# Neutrons:

Mass Number:



Name:

# Protons:

# Neutrons:

Mass Number: