

Name _____

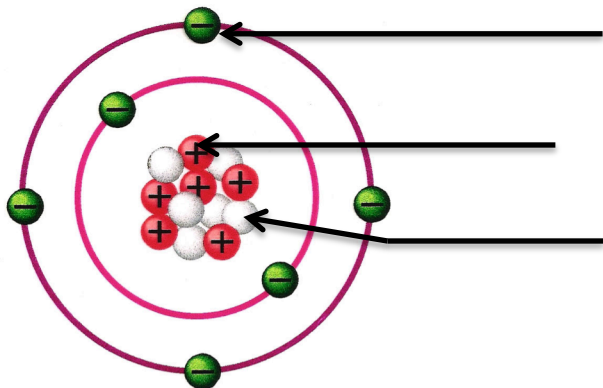
Atoms and the Periodic Table

GLE 0807.9.1 Understand that all matter is made up of atoms.

GLE 0807.9.2 Explain that matter has properties that are determined by the structure and arrangement of its atoms.

GLE 0807.9.6 Use the periodic table to determine the characteristics of an element.

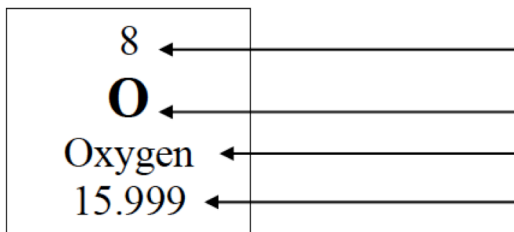
1. Label the parts of the atom below.



Which element is this? _____

How do you know?

2. Label the items that are represented in the box.



3. Calculate the subatomic particles for the element in shown for #2.

P= _____

E= _____

N= _____

4. Draw a Lewis Structure (dot diagram for item #1 and #2.

Blank area for drawing the Lewis Structure.