**Unit 5 Notes**

**2-Step Mole Conversions**

Two Step mole conversions combine the two different types of mole conversions

that we have performed so far in chemistry.

We have used \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to convert back and forth between particles and moles

We have used \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to convert back and forth between grams and moles

We will now be using both of these conversion units to convert back and forth between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

In order to go from particles to grams you must first convert to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

In order to go from grams to particles you must first convert to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Particles

Grams

Moles

Examples:

8.29x1024 molecules of Pb(SO4)2 is how many grams of Pb(SO4)2?

3024 grams of Ba3(AsO4)2 is how many particles of Ba3(AsO4)2?