

MOLE CONVERSION PRACTICE (moles #3)
~ WORKING WITH GRAMS AND MOLES ~

- *Show all work.*
- *Circle all answers.*
- *Show units and watch sig.figs.*
- *Make sure all chemical formulas are correct.*

- 1) How many grams are in 0.5689 mol of sulfuric acid?
- 2) How many moles are equal to 1410 g of magnesium oxide?
- 3) Calculate the number of grams contained in 1.6 mol of calcium carbonate.
- 4) How many mol are equal to 500.75 g of iron(II) fluoride?
- 5) What is the GFM of sodium phosphide?
- 6) What is the molar mass of sodium phosphate?
- 7) How many grams are in a mole of sodium phosphite?
- 8) Calculate the number of moles of 700.0 g of oxygen gas.
- 9) Convert 2.33 moles of carbon dioxide to g of carbon dioxide.
- 10) Convert 250 g of water to moles.