Chapter 10-   Moles-Mass Review worksheet

Do not write on this paper
Set labeled ratios to compute each of the following:

1.   150.0 g of Copper II Acetate contains how many moles?
        Formula Units of of Copper II Acetate ?
        Contains how many grams of Oxygen?
        Contains how many atoms of Carbon?

2.   7 moles of Barium Nitrate contains how many grams?
        Contains how many formula units of Barium Nitrate?
        Contains how many moles of Oxygen?
        Contains how many grams of Barium?

3.   How many moles of Manganese (III) Sulfate are there if you have 1.24×10^{24} atoms of Mn?
        How many grams of Manganese (III) Sulfate would you have?