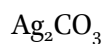
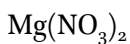
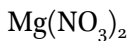
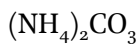


Quiz 6.1 – Molar Mass and Stoichiometry

Name: _____

Question 1How many grams will a 0.25 *mol* sample of each compound weigh?**Question 2**How many moles are in a 2.50 *g* sample of each compound?**Question 3**Consider the reaction: $\text{C}_3\text{H}_8(\text{g}) + 5 \text{O}_2(\text{g}) \rightleftharpoons 3 \text{CO}_2(\text{g}) + 4 \text{H}_2\text{O}(\text{g})$ How many moles of O_2 are required to react with 0.750 *mol* of C_3H_8 ?How many moles of CO_2 and H_2O would be produced?

My Voice

By Rafael Campo

To cure myself of wanting Cuban songs,
I wrote a Cuban song about the need
For people to suppress their fantasies,
Especially unhealthy ones. The song
Began by making reference to the sea,
Because the sea is like a need so great
And deep it never can be swallowed. Then
The song explores some common myths
About the Cuban people and their folklore:
The story of a little Carib boy
Mistakenly abandoned to the sea;
The legend of a bird who wanted song
So desperately he gave up flight; a queen
Whose strength was greater than a rival king's.
The song goes on about morality,
And then there is a line about the sea,
How deep it is, how many creatures need
Its nourishment, how beautiful it is
To need. The song is ending now, because
I cannot bear to hear it any longer.
I call this song of needful love my voice.