**General Chemistry Moles Quiz**

1. What is the molar mass of the following compounds? (1 pt each)

* Li2CO3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* N2H4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How many moles are there in 45 grams of CuSO4? (6 pt)
2. How many moles are there in 9.82 grams of copper? (6 pt)
3. If I exhale 69.2 grams of water vapor when I sleep at night and a chemist asks me how many moles of water I exhaled, what would the answer to this question be? (6 pt)
4. What is a mole? (2 pt)

1. Why don’t we usually find the molar masses of objects like airplanes or hamsters? (2 pt)