**Topics: Moles – Grams Practice**

1) How many moles are there in 40.0 grams of CaS?

2) How many grams are there in 8.4 moles of FeSO4?

3) If I have a gold hamster that weighs 1200 grams, how many moles of gold are in this hamster?

4) If somebody steals 5.0 moles of gold from this hamster, how many moles of gold will remain?

5) I have a bottle that contains 12 moles of water and 4.0 moles of ammonia (NH3). Given this information, what is the total weight of the contents of this bottle?