

Part 4: Find the unknown hydrate

You find a sample of aluminum nitrate to be 42% water. Determine the type of hydrate used in the experiment (show work)

Part 5: Convert grams to moles or atoms

1) How many moles are in 40.0 grams of water?

2) How many grams are in 3.7 moles of Na_2O ?

3) How many atoms are in 14 moles of cadmium?