a salt is anhydrous if doesn't contain water of crystallisation

Anhydrous

the water in a lattice is called water of crystallisation

Anhydrous and Hydrated Salts

a salt is hydrated if does contain water of crystallisation

many hydrated salts lose their water of crystalisation when heated too become anhydrous

find the mass of the water lost by taking the mass of the anhydrous salt away from the hydrated salt

find number of moles of water lost and the number of moles of anhydrous salt that's produced

work out the ratio of moles of anhydrous salt to moles of water

Formulas

Hydrated