

You place 52 grams of Magnesium Phosphate into a beaker that contains 1.3 liters of water. The water was at 23 °C, but after the salt is added the temperature goes up to 33 °C. What are the kJ/mole found in Magnesium Phosphate?

A 534 ml sample of water goes from 18 °C up to 36 °C after 25 grams of Magnesium Chloride are added to it. What are the kJ/mole found in Magnesium Chloride?

You started with 568.3 grams of ice at -7.4 °C and you continued heating it until it all boiled off. How much heat would this require?

You place 8.356 grams of Calcium Sulfate into a beaker that contains .6 liters of water. The water was at 20. °C, but after the salt is added the temperature goes up to 59 °C. What are the kJ/mole found in Calcium Sulfate?