**Heat of Formation**

1. 20 g of MnO formed. How much heat is released?
2. 850,000 J of heat was released from the formation of NaCl. What mass of NaCl formed?
3. 10g Ca was used in forming CaO. How much heat is released?
4. 30g Cu is used in the production of Cu­2O. How much heat is produced?
5. 160 kJ of heat was produced from the formation of Cr2O3. What mass Cr was used?
6. If 20g of water was vaporized as a result of the forming of SnO2, what mass of SnO2 formed?
7. 5g Al2O3 formed and the heat was used to warm water from 2°C to 82°C. What mass of water was warmed?
8. The reaction of magnesium and oxygen was used to take 150g of water at -50°C and raise its temperature to 200°C. What mass of magnesium was used?
9. 15g water is vaporized from the heat of KClO3 forming. What mass of chlorine was used?