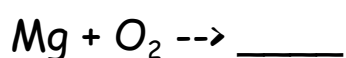


Physical Science Warm Up - 12/18/17

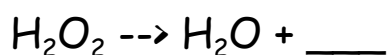
Predict the products for each reaction. Remember non-metals usually combine with themselves (H_2) in their gas form and ionic compound's charges must cancel out. **ALSO USE YOUR PERIODIC TABLE!!!**

- 1) a. Magnesium metal and oxygen gas combine to in a synthesis reaction.



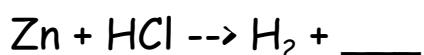
- b. chemical bonds breaking or forming?
c. endothermic or exothermic?

- 2) a. Hydrogen peroxide decomposes to form water and oxygen gas



- b. chemical bonds breaking or forming?
c. endothermic or exothermic

- 3) Zinc metal reacts with hydrochloric acid in a single replacement reaction (Hint: zinc has a +2 charge in its ionic form).



- 4) Potassium Iodide and Calcium chloride react in a double replacement reaction.

