**Predicting Reaction Products / 6 Types of Reaction Quiz**

For each of the problems below, indicate each of the following:

* Will a reaction occur? (1 pt)
* If a reaction will occur, write the expected products of the reaction (including their states) and balance the equation. (3 pt)
* \_\_\_\_ MgO + \_\_\_\_ HBr 🡪
* \_\_\_\_ Cu(NO3)2 + \_\_\_\_ Mg 🡪
* \_\_\_\_ C4H5OH + \_\_\_\_ O2 🡪
* \_\_\_\_ Ba(C2H3O2)2 + \_\_\_\_ H3PO4 🡪
* \_\_\_\_ MnCl2 + \_\_\_\_ Fe(NO3)3 🡪
* \_\_\_\_ Pb(OH)2 + \_\_\_\_ MgF2 🡪
* \_\_\_\_ CuCO3 + \_\_\_\_\_ K 🡪
* \_\_\_\_ S8 + \_\_\_\_ Na 🡪