Activity Series

Most Reactive,Li, K, Ba, Sr, Na, Li, Ca, Mg, Be, Al, C, Zn, Fe, Sn, Pb, H, Cu, Ag, Au, Pt, Least Reactive

1. Predict the products of each single replacement reaction.
2. Balance the equation.
3. Use the Activity Series to predict whether this reaction would actually occur (yes/no)

Y/N

_____ $MgCl_2$ + _____ Ba → _____

_____Al_2S_3 + _____ Li → _____

_____KCl + _____ Be → _____

_____Li_3PO_4 + _____Mg → _____

_____K_2CO_3 + _____Sr → _____

_____Be_3N_2 + _____ Al → _____

_____NaCl + _____ K → _____

Predicting Reactions

1. Predict the products of each single replacement reaction.
2. Balance the equation.
3. Label the type of reaction

Type of Reaction

_____ $MgCl_2$ + _____Na_3PO_4 → _____

_____ Na + _____ Cl_2 → _____

_____MgO → _____

_____CH_4 + _____ O_2 → _____

_____K + _____Al_2O_3 → _____

Answers