

Name Wey

Date \_\_\_\_\_

Period \_\_\_\_\_

### Chemical Reactions Review Sheet

Determine if each of the statements describes a physical or chemical change.

P 1. You cut your hair

P 2. Mixing sugar and water

C 3. Baking soda reacts with vinegar and forms a gas

C 5. Methanol is burned and leaves a residue

P 6. An aspirin is crushed into fine powder

C 7. Copper turns green when exposed to the environment

C 8. Two clear liquids are mixed and a yellow color forms

C 9. Baking cookies

C 11. A tree burns to form ashes

P 12. Water freezes to form ice

Identify the type of reaction & balance:



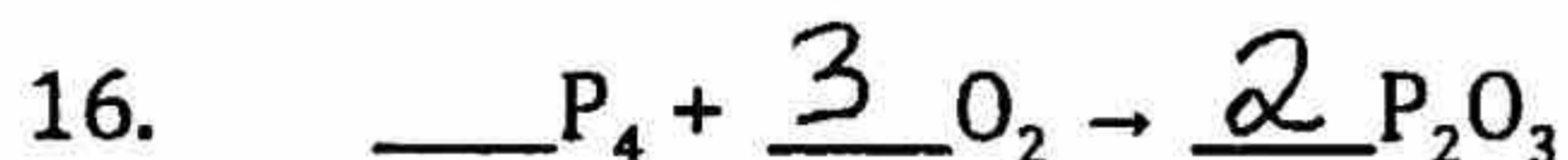
Reaction Type double replacement



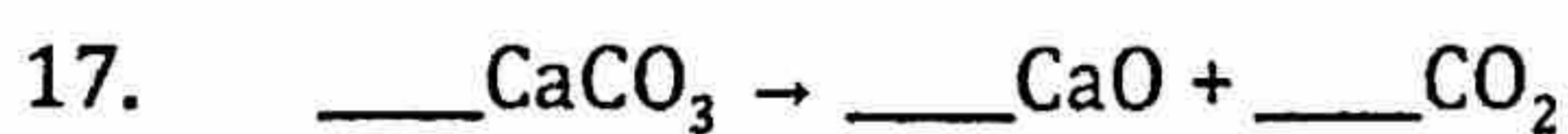
Reaction Type combustion



Reaction Type single replacement

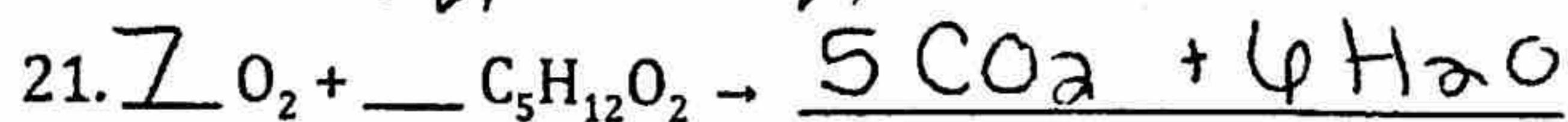
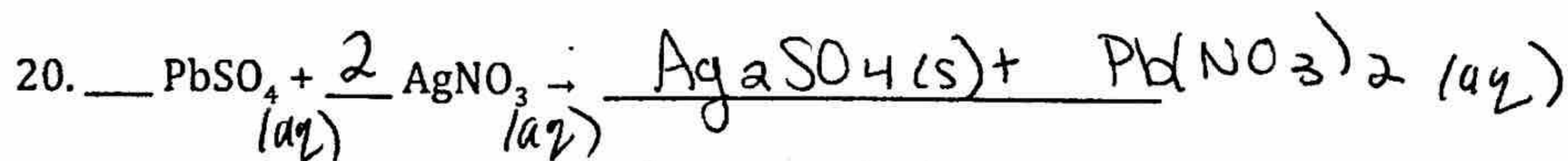
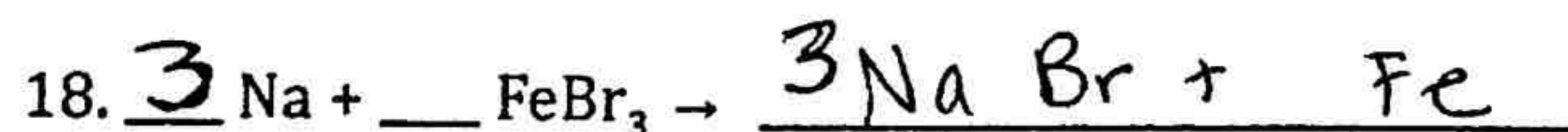


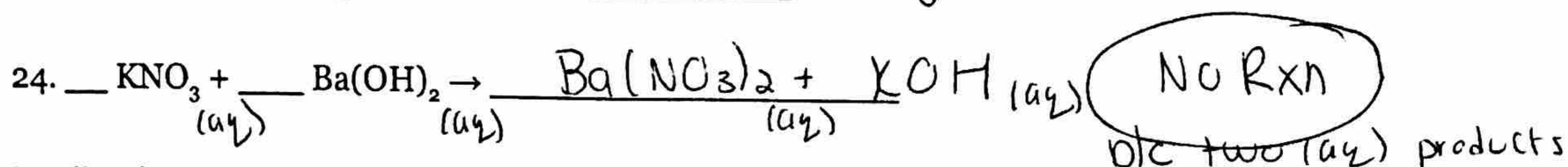
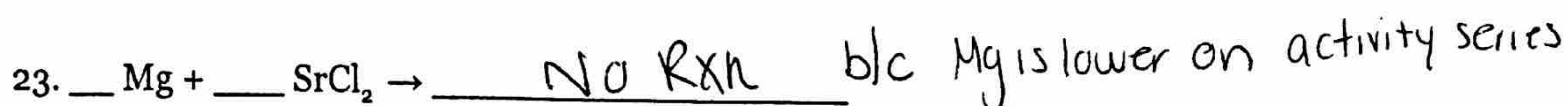
Reaction Type synthesis



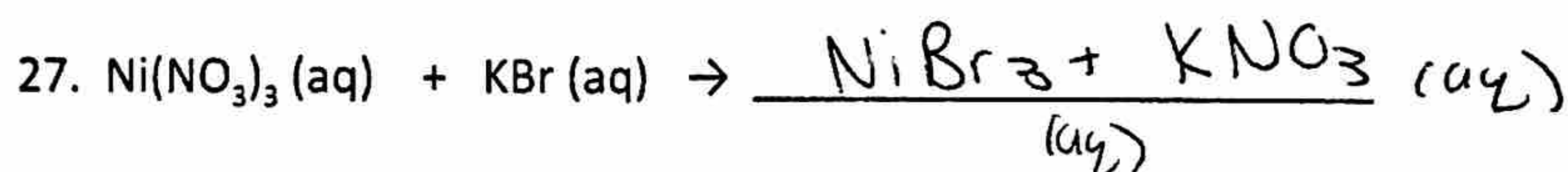
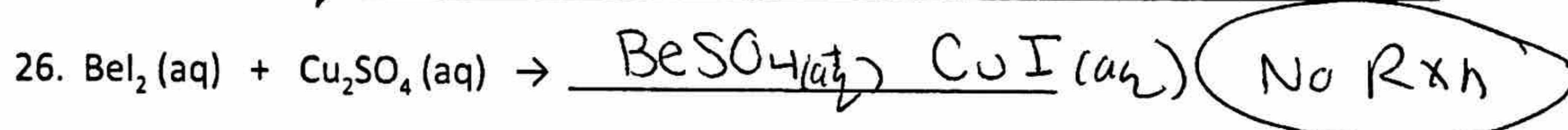
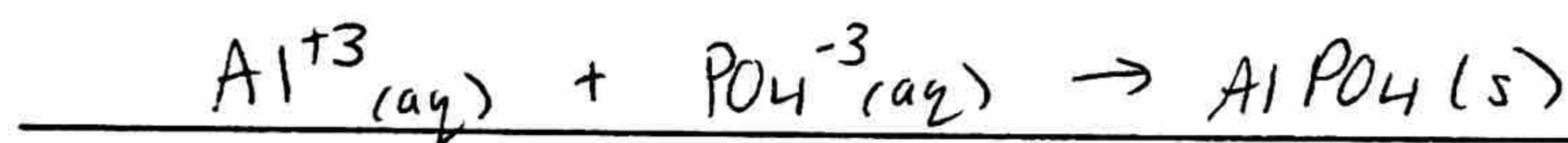
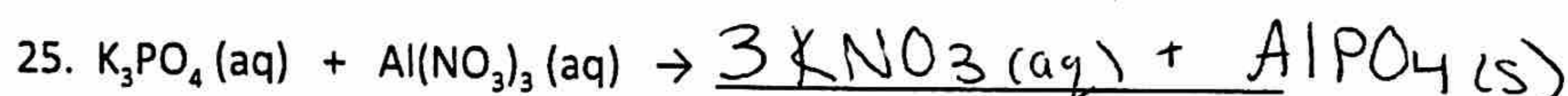
Reaction Type decomposition

Predict the products & balance the reaction, if they do not occur write no rxn:

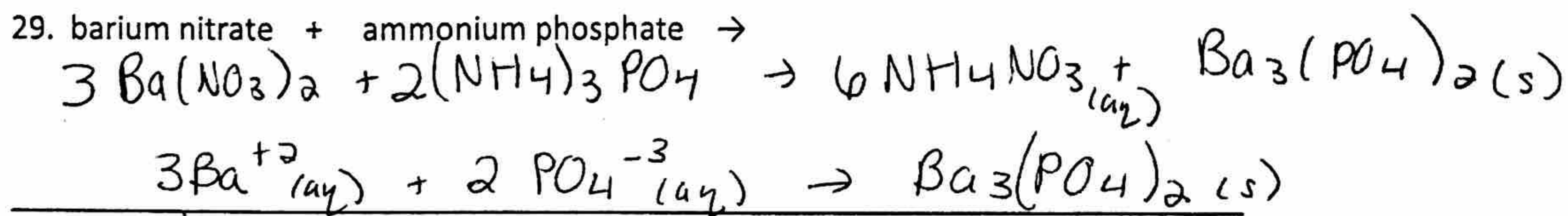
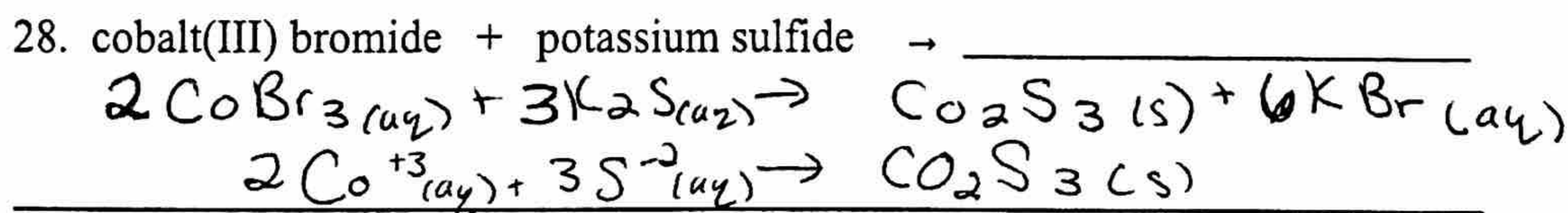




Predict the products, balance, check solubilities, circle precipitates, write balanced net ionic equations.



No Rxn



**Diatomics**

The diatomics are:

Br I N Cl H O F

They are used -

when in elemental form

They are not used -

when in compounds or as ions