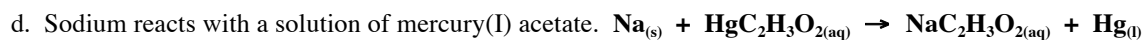
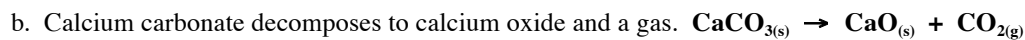
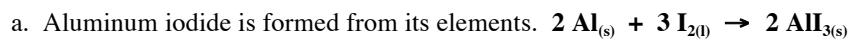


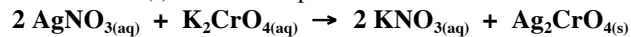
Be sure to show all work, use the correct number of significant figures, circle final answers and use correct units in all problems.

ANSWERS appear in BOLD

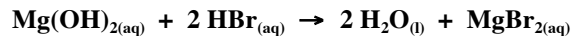
1. Write and balance the following reactions: (14 points)



e. A bright red precipitate forms when solutions of silver(I) nitrate and potassium chromate react.



f. Magnesium hydroxide neutralizes hydrobromic acid.



2. Classify each of the above reactions: (1 point each)

a. **combination**

d. **single replacement**

b. **decomposition**

e. **precipitation**

c. **combustion or burning**

f. **acid-base or neutralization**