

# Single Replacement

Chemistry

Activity Series

Name: \_\_\_\_\_

TABLE 8-3  
ACTIVITY SERIES OF  
THE ELEMENTS

Activity of Metals

Li  
Rb  
K Can react with cold  
Ba  $H_2O$  and acids,  
Sr replacing hydrogen.  
Ca  
Na

Forming Metal Hydroxides

Mg  
Al Can react with  
Mn steam and acids,  
Zn replacing hydrogen.  
Cr  
Fe  
Cd

Forming Metal Oxides

Co Can react with  
Ni acids, replacing  
Sn hydrogen.  
Pb

$H_2$   
Sb React with oxygen,  
Bi forming oxides.  
Cu  
Hg

Ag Fairly unreactive.  
Pt Form oxides only  
Au indirectly.

Activity of  
Halogen Nonmetals

$F_2$   
 $Cl_2$   
 $Br_2$   
 $I_2$