

Chemistry I  
Name \_\_\_\_\_

Mass-Mole Conversion Handout  
Date \_\_\_\_\_

oxygen produces water + sulfur dioxide. How many moles of hydrogen  
by 0.75 mol of oxygen?

decomposes to produce potassium chloride + oxygen. How many moles of

1) Hydrogen sulfide + c  
sulfide can be burned b

2) Potassium chlorate c

c) What is the  $O_2 / H_2O$  molar ratio?