

CH 151 Quiz #3 Name: \_\_\_\_\_

Be sure to show all work, use the correct number of significant figures, circle final answers and use correct units in all problems.  
*Helpful hints:* **phosphate** =  $\text{PO}_4^{3-}$  **nitrate** =  $\text{NO}_3^{1-}$  **hydroxide** =  $\text{OH}^{-1}$  **sulfate** =  $\text{SO}_4^{2-}$

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1. Write the names of the following compounds: (1 point each)

$\text{Na}_2\text{S}$

$\text{Cu}_3(\text{PO}_4)_2$

$\text{TiO}_2$

$\text{CsNO}_3$

$\text{Li}_2\text{S}$

$\text{HCl}$

$\text{PCl}_5$

$\text{RbBr}$

$\text{KOH}$

$\text{SF}_4$

2. Write the correct formula for each of the following compounds: (1 point each)

aluminum iodide

nickel(II) sulfate

selenium difluoride

potassium phosphide

nitric acid

iron(III) hydroxide

silver(I) bromide

sodium hydroxide

nitrogen dioxide

vanadium(V) oxide