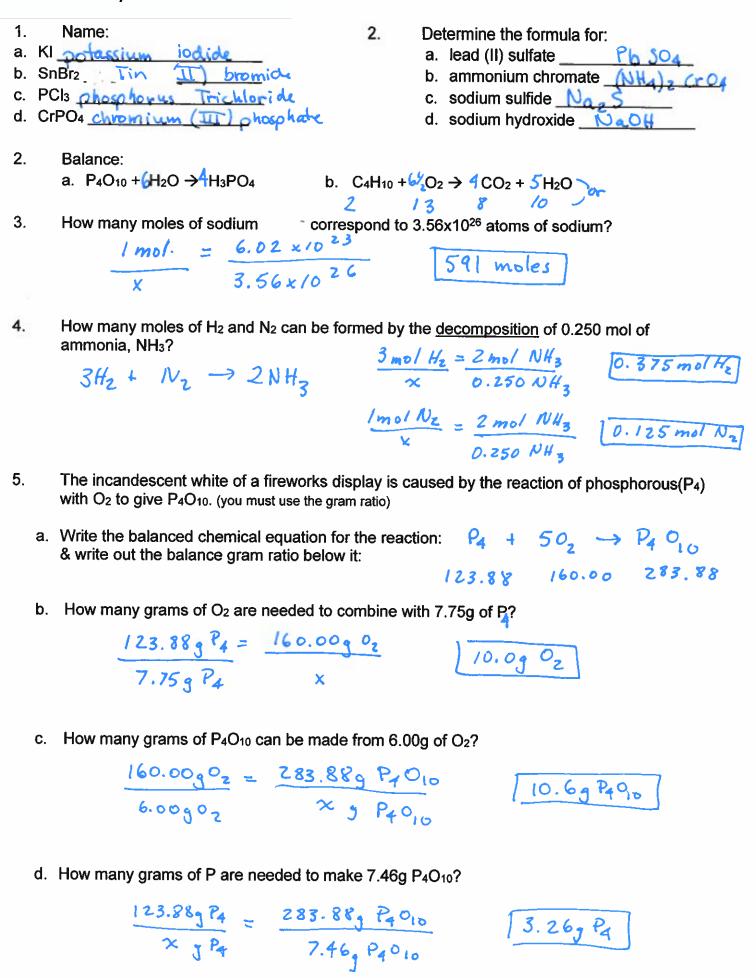
Stoichiometry review 2 ans



6. Consider this neutralization reaction: $2 \text{ HCI} + \text{Mg(OH)}_2 \rightarrow \text{MgCI}_2 + 2 \text{ H}_2\text{O}$ What mass of Mg(OH)₂ is required to neutralize 4 moles of HCI?

2 mol HCL = 1 mol Mg(OH)2 4 mol HCL 2 2 mol Kg (OH)2

 $\frac{1 \mod Mg(OH)_2 = 58.33g Mg(OH)_2}{2 \mod Mg(OH)_2} \approx \frac{1}{2} \log (OH)_2$

/1×102 g Mg (0H)2