

Name _____
Families 1A and 2A Write-up

1. What are the characteristics of family 1A?
2. We looked at the reaction of potassium metal in water. Describe what happened.
3. Here is the reaction. Describe it in words. $K + H_2O \implies H_2(\text{gas}) + KOH$
4. What are the characteristics of family 2A?
5. Describe magnesium ribbon.
6. Describe the reaction of magnesium with oxygen (burning)
7. What did the magnesium oxide look like?
8. Here is the reaction. Describe it in words: $2Mg + O_2 \implies 2MgO$
9. What ion does potassium form?
10. What ion does magnesium form?
11. List the protons, neutrons, and electrons of potassium
12. List the protons, neutrons, and electrons of magnesium
13. Describe potassium metal
14. Why did the potassium need to be stored in such a complicated manner?