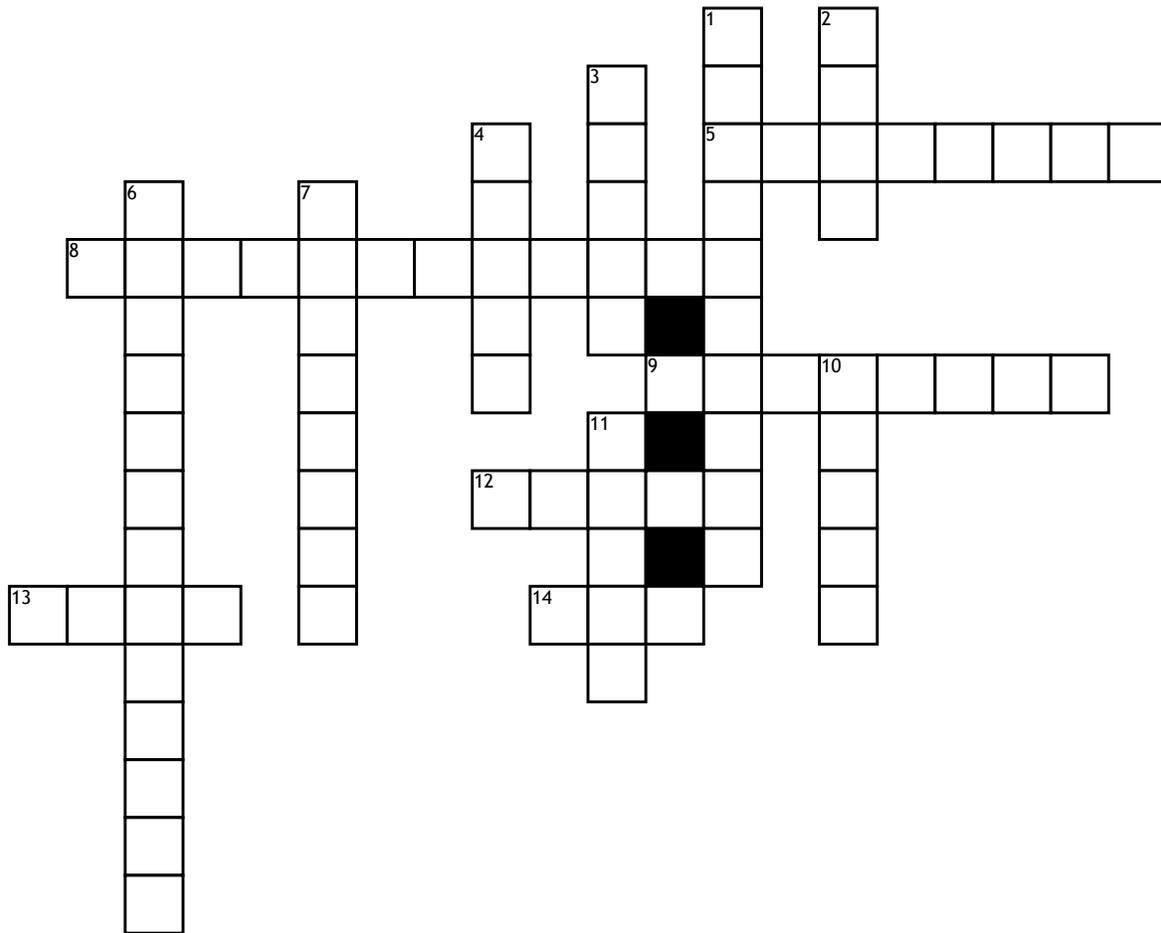


Name: _____

Date: _____

Group 1 and Group 7



Across

5. What is the charge on group 1 when they react?

8. What is the chemical name of the yellow substance produced when silver nitrate is added to potassium iodide?

9. What is the colour of the flame when calcium burns?

12. When silver nitrate is added to sodium chloride what colour does it go?

13. Do all group 7 elements lose or gain one electron when they react?

14. Chlorine is a yellow _____ at room temperature.

Down

1. What is the colour of the flame when barium burns?

2. Do all group 1 elements lose or gain one electron when they react?

3. Iodine is a black _____ at room temperature.

4. Bromine is a liquid at room temperature. What colour is it?

6. What do you add to a solution to work out which group 7 element it contains?

7. What is the charge on group 7 when they react?

10. When silver nitrate is added to potassium bromide what colour does it go?

11. What is the colour of the flame when potassium burns?