

Name: _____
 Band: _____

**L 5.2 Writing Formulas and Formula Names
 from Chemical Reactions**

Procedure:

- 1.) On a lab-sheet, place all of your lab-members names on the top. This is the sheet that will receive one drop of each solution in the boxes below. This sheet will dry in the window-sill at the end of the lesson.
- 2.) On your own lab sheet record the color produced; also write the formula name and complete name that results from the combination of the ions shown. These sheets should not have chemicals on them.

	AgNO ₃ Ag ⁺	Pb(NO ₃) ₂ Pb ²⁺	Please name the reagents used: 1) AgNO ₃ = <u>Silver (I) Nitrate. (example)</u> 2) Pb(NO ₃) ₂ = _____ 3) CuSO ₄ = _____ 4) MgSO ₄ = _____ 5) FeCl ₃ = _____ 6) KI = _____ 7) NaOH = _____ 8) Na ₂ CO ₃ = _____ 9) Na ₃ PO ₄ = _____		
FeCl ₃ Cl ⁻	A1 Color: _____ Formula: _____ Written: _____	A2 Color: _____ Formula: _____ Written: _____			
KI I ⁻	B1 Color: _____ Formula: _____ Written: _____	B2 Color: _____ Formula: _____ Written: _____			
			CuSO ₄ Cu ²⁺	MgSO ₄ Mg ²⁺	FeCl ₃ Fe ³⁺
NaOH OH ⁻	C1 Color: _____ Formula: _____ Written: _____	C2 Color: _____ Formula: _____ Written: _____	C3 Color: _____ Formula: _____ Written: _____	C4 Color: _____ Formula: _____ Written: _____	C5 Color: _____ Formula: _____ Written: _____
Na ₂ CO ₃ CO ₃ ²⁻	D1 Color: _____ Formula: _____ Written: _____	D2 Color: _____ Formula: _____ Written: _____	D3 Color: _____ Formula: _____ Written: _____	D4 Color: _____ Formula: _____ Written: _____	D5 Color: _____ Formula: _____ Written: _____
Na ₃ PO ₄ PO ₄ ³⁻	E1 Color: _____ Formula: _____ Written: _____	E2 Color: _____ Formula: _____ Written: _____	E3 Color: _____ Formula: _____ Written: _____	E4 Color: _____ Formula: _____ Written: _____	E5 Color: _____ Formula: _____ Written: _____