









Unit 6 Worksheet 5

Representing Ions and Formula Units

	IONS	and	IONS	FORMULA UNIT	NAME
1.	Ca ²⁺		Br ⁻	_____	_____
			 		
2.	Fe ²⁺		Cl ⁻	_____	_____
3.	K ⁺		SO ₄ ²⁻	_____	_____
	 				
4.	Al ³⁺		NO ₃ ⁻	_____	_____
5.	Pb ²⁺		S ²⁻	_____	_____
6.	_____	and	_____	NH ₄ OH	_____
7.	_____	and	_____	K ₄ AsO ₄	_____

8. _____ and _____ $\text{Mg}(\text{NO}_2)_2$ _____

9. _____ and _____ ZnCO_3 _____

10. _____ and _____ Na_3PO_4 _____

For 11 – 15 state the total number of atoms and the number of ions in the compound

11. _____ and _____ _____

silver selenate
____atoms ____ ions

12. _____ and _____ _____

lithium chlorate
____atoms ____ ions

13. _____ and _____ _____

copper (II) nitrate
____atoms ____ ions

14. _____ and _____ _____

iron (III) oxide
____atoms ____ ions

15. _____ and _____ _____

calcium sulfite
____atoms ____ ions