

SYMBOLS AND FORMULAS

- A Chemical Symbol is a capital letter, or a capital letter followed by a small letter that represents an element.
- The chemical symbol represents ONE atom of the element
Ex. Na = One sodium atom
- A Subscript is a number written at the lower right corner behind the symbol of an element. If there is more than one atom of the element, then a subscript is used to indicate the number of atoms.
Ex. H₂ = Two hydrogen atoms
- A Chemical Formula is made up of symbols placed side by side that represent a molecule.
Ex. NaCl = One sodium, and One chlorine atom

COUNTING ATOMS

Use the Periodic Table to complete the following charts.



Type of Atom	# of Atoms
Total	



Type of Atom	# of Atoms
Total	



Type of Atom	# of Atoms
Total	



Type of Atom	# of Atoms
Total	



Type of Atom	# of Atoms
Total	



Type of Atom	# of Atoms
Total	



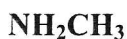
Type of Atom	# of Atoms
Total	



Type of Atom	# of Atoms
Total	



Type of Atom	# of Atoms
Total	



Type of Atom	# of Atoms
Total	