

Chemistry

Polyatomic Ions

Learn the following polyatomic ions. We will have a quiz on these that will be similar to the quiz we took with the chemical symbols. You need to know both the name and the symbols. Subscripts and charges are important and will need to be included to get credit on the quiz. There is a more complete list in your book, but the following are the only ones you will be quizzed over.

1. ammonium	NH_4^{+1}
2. acetate	$\text{C}_2\text{H}_3\text{O}_2^{-1}$
3. chlorate	ClO_3^{-1}
4. chlorite	ClO_2^{-1}
5. cyanide	CN^{-1}
6. hydrogen carbonate (bicarbonate)	HCO_3^{-1}
7. hydroxide	OH^{-1}
8. nitrate	NO_3^{-1}
9. nitrite	NO_2^{-1}
10. carbonate	CO_3^{-2}
11. chromate	CrO_4^{-2}
12. dichromate	$\text{Cr}_2\text{O}_7^{-2}$
13. sulfate	SO_4^{-2}
14. sulfite	SO_3^{-2}
15. phosphate	PO_4^{-3}