

Question #60381, Chemistry / General Chemistry |

What would be the most likely formula for the compound formed with Na and the polyatomic ion X?

Answer:

The valence of Na is 1 and its charge equals +1. On the other hand, the polyatomic anion X can have the charge of -1, -2, -3, -4 or more. Therefore, the most likely formula is:

Na_nX where n – the charge of anion X.

For instance,

