

Counting Atoms Worksheet

Determine whether each statement is true or false.

	True	False
NaCl contains one sodium atom and one chlorine atom.	<input type="radio"/>	<input type="radio"/>
The formula unit of MgCl_2 has one magnesium atom and two chlorine atoms.	<input type="radio"/>	<input type="radio"/>
In 3 $\text{Ca}(\text{OH})_2$ units, there are 3 calcium atoms, 6 hydroxide groups, and therefore 6 hydrogen and 12 oxygen atoms.	<input type="radio"/>	<input type="radio"/>
K_2SO_4 consists of two potassium atoms, one sulfur atom, and three oxygen atoms.	<input type="radio"/>	<input type="radio"/>
$\text{Fe}_2(\text{SO}_4)_3$ contains two iron atoms, three sulfur atoms, and twelve oxygen atoms.	<input type="radio"/>	<input type="radio"/>
3 Li_2O contains six lithium atoms and three oxygen atoms.	<input type="radio"/>	<input type="radio"/>
Na_2S is made up of two sodium atoms and one sulfur atom.	<input type="radio"/>	<input type="radio"/>