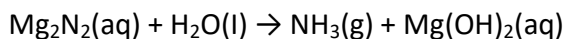


## Answer on Question #76962, Chemistry / Organic Chemistry

### Question:

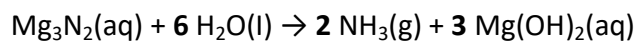
What are the coefficients to make the following equation balanced? Why?



### Answer:

There is a misprint in the task. It must be **Mg<sub>3</sub>N<sub>2</sub>**.

In the balanced equation the quantities of atoms of reagents must be equal to quantities of atoms of products (for each chemical element). So:



We have 3 atoms of Mg before and 3 after, 12 atoms of hydrogen before and 12 after, and so on.

Answer provided by AssignmentExpert.com