

Bell Ringer #38:

Socratic Room Name:
LEVEL70WARRIOR

Test Day

<http://drmoad.weebly.com/>

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Agenda

Bell Ringer
Turn in Chapter 6 Study Guide
Brief Intro to Next Unit
Test (55 min)
Worksheet
Exit Ticket

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News:

**IUPAC IS NAMING THE FOUR NEW ELEMENTS NIHONIUM,
MOSCOVIUM, TENNESSINE, AND OGANESSON**

Nihonium and symbol Nh, for the element 113,
Moscovium and symbol Mc, for the element 115,
Tennessine and symbol Ts, for the element 117, and
Oganesson and symbol Og, for the element 118.

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- Antoine Lavoisier's Story (Candle Demo).
- "We may lay it down as an incontestable axiom that, in all the operations of art and nature, nothing is created; an equal quantity of matter exists both before and after the experiment."

<http://www.famousscientists.org/antoine-lavoisier/>

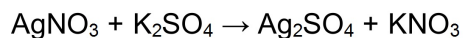
https://en.wikipedia.org/wiki/Antoine_Lavoisier

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- Law of Conservation of Mass
- A scientific law stating that the mass of the product of a chemical reaction is the same as the total mass of the reactants, so the mass remains the same.

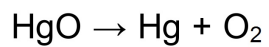
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- Reactants vs Products

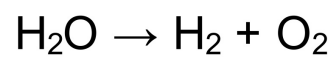


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- How to balance a chemical reaction
- Example Problem:



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Test

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Worksheet: Balancing Reactions

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Exit Ticket #37:

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Empirical Formula

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