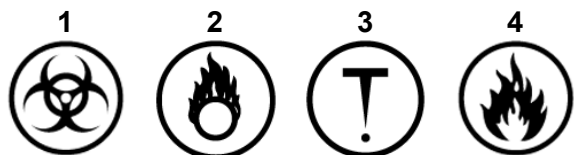


Science In Action 9 - Numerical Response Questions - Matter and Chemical Change

1. Match the WHMIS Symbol with the description of the Hazard.



3 Toxic 1 Biohazard 4 Flammable 2 Oxidizing

3	1	4	2
.	.	.	.
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

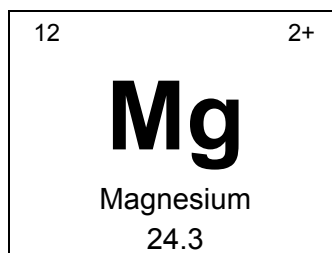
2. Match the description of the theory of Matter with the time it occurred.

- 1- Chemists only investigated materials that had a high value to humans
- 2- The use of simple tools and the discovery of fire
- 3- The work of Dalton suggests matter is made up of elements
- 4- A group of Hittites discovered how to extract an element from rock

2 Stone Age 1 Bronze Age 4 Iron Age 3 Atomic Theory

2	1	4	3
.	.	.	.
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

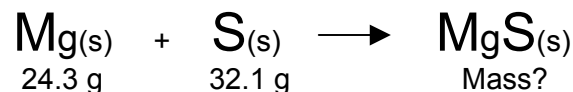
3. Use the illustration of the element from the periodic table to answer the question.



What is the atomic mass of this element?

2	4	.	3
.	.	.	.
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

4. The law of **conservation of mass** in a chemical reaction states that the mass of the products will equal the mass of the reactants.



What is the mass of **MgS** ?

5	6	.	4
.	.	.	.
0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9