

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Periodic Table Bell Ringer – Teacher Edition

**Decide whether the following statements are true or false. Correct the false statements to make them true.**

1. The elements in the first periodic table were arranged by increasing atomic number.
2. The “law of octaves” was rejected because could not be applied to all the elements known to chemists at the time.
3. Mendeleev was the first to assign elements into vertical groups.
4. The periodic table was complete when it was published by Mendeleev.
5. The Modern periodic table sorts elements by their properties.

## Periodic Table Bell Ringer – Teacher Edition

Decide whether the following statements are true or false. Correct the false statements to make them true.

1. The elements in the first periodic table were arranged by increasing atomic number.

False

The elements in the first periodic table were arranged by increasing atomic weight.

2. The “law of octaves” was rejected because could not be applied to all the elements known to chemists at the time.

True

3. Mendeleev was the first to assign elements into vertical groups.

True

4. The periodic table was complete when it was published by Mendeleev.

False

The periodic table that Mendeleev published contained gaps for undiscovered elements.

5. The Modern periodic table sorts elements by their properties.

False

The modern periodic table sorts elements according to their atomic number.