





ST Review

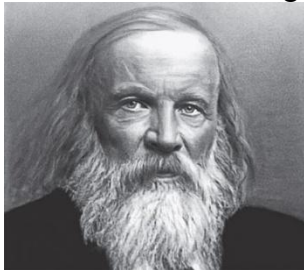
1. Which of the following diagrams best represents the aluminum (Al) atom according to the Lewis model?

 <p style="text-align: center;">A</p>	 <p style="text-align: center;">B</p>
 <p style="text-align: center;">C</p>	 <p style="text-align: center;">D</p>

2. An atom that is represented by the Lewis notation has 7 dots. Which group of the periodic table does it belong to? ( see periodic table for roman numerals)

(A) This atom belongs to group VIIA.	(B) This atom belongs to group VIA.
(C) This atom belongs to group IIA.	(D) This atom belongs to group IA.

3. Which of the following was not a feature of Mendeleev's periodic table?



(A) He did not necessarily order the elements by increasing mass.	(B) He grouped elements with similar chemical properties.
(C) He ordered elements by increasing atomic mass.	(D) He ordered the according to similar physical properties.

4. Which of the following elements is correctly matched with its family?

(A) Tl is an alkaline earth metal	(B) Kr is a halogen.
(B) Be is an alkaline earth metal.	(D) Ca is an alkali metal.

5. Which of the following statements is true?

(A) Alkali earth metals are more reactive than most metals	(B) Halogens tend to react with argon(Ar).
(C) Noble gases are very reactive.	(D) The most reactive gas in the first period is helium.

6. Which of the following does NOT describe a real property of a periodic table family?

(A) Any alkali metal is softer than steel.	(B) Alkaline earth metals react with oxygen and halogens.
(C) Noble gases have high boiling points.	(D) The halogens create salts after reacting with metals.

