

LESSON 3. PERIODIC LAW

HOMEWORK

- 1) Which of the following is an alkaline earth metal?
 - a. Lithium
 - b. Rubidium
 - c. Strontium
 - d. Yttrium
 - e. Scandium
- 2) Which other elements have similar properties to lithium and potassium?
(Pick two)
 - a. Aluminum
 - b. Beryllium
 - c. Calcium
 - d. Copper
 - e. Francium
 - f. Rubidium
- 3) The atomic radius decreases as you move from left to right across period.
Look at the table and predict the atomic radius of the elements below:

Element	Atomic Radius (pm)
Argon	71
Boron	87
Carbon	67
Chlorine	79
Oxygen	48
Phosphorous	98

a) Nitrogen ____ pm

b) Sulfur ____ pm

