

LESSON 3. PERIODIC LAW

HOMEWORK

1. What element has an atomic number of 1?

2. What element has 8 protons in its nucleus?

3. What element has 8 electrons?

4. What elements begin with a "C?"

5. What element has no neutrons?

6. What element has an atomic number that is equal to the product of 8×9 ?

7. What element has an atomic number that is equal to the difference of 111 and 38?

8. What elements' letters (chemical symbols) can you use to spell the word "bear?"

9. What elements' letters can you use to spell the word "base?"

10. What element has the greatest atomic number?

11. What element has the least atomic number?

12. What element has the least atomic mass?

1. Complete the sentences below using the words from the box. [3]

periods

groups

atoms

elements

The periodic table shows over 100 occurring _____.

The periodic table is organised horizontally into _____.

The periodic table is organised vertically into _____.

Use the periodic table to answer the questions below.

2a. Name two metals. [2]

2b. Name two non-metals. [2]

2c. Name two noble gases. [2]

2d. Name two group 2 elements. [2]

2e. Name two group 6 elements. [2]
