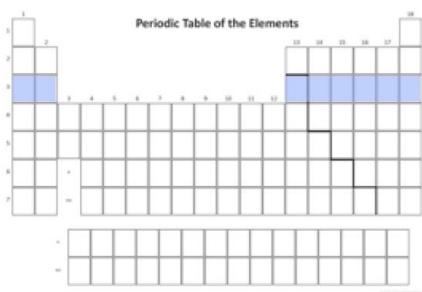


1. Matching

Write “electron, proton, or neutron” next to the matching statement.

- a. Has a positive charge \_\_\_\_\_
- b. Has a negative charge \_\_\_\_\_
- c. Has **no** charge \_\_\_\_\_
- d. Not found in the nucleus of atoms \_\_\_\_\_
- e. The number of these in the nucleus makes an atom the element it is \_\_\_\_\_
- f. Can be gained or lost from an atom during chemical reactions \_\_\_\_\_

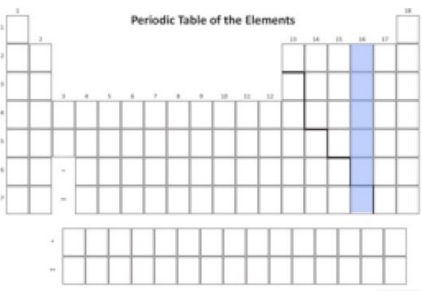
**/3 (0.5 each)**



**/1**

2.

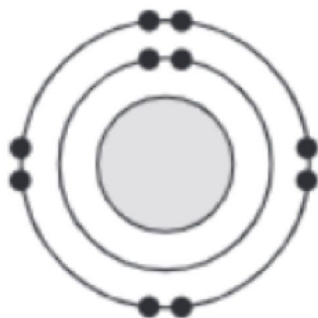
The highlighted elements all have what in common?



**/1**

3.

The highlighted elements all have what in common?



**/3**

3. Mystery Bohr Diagram...

a. If this atom has no charge, what element is it?

\_\_\_\_\_

b. If this is an ion with a **-1** charge, what element is it?

\_\_\_\_\_

c. If this is an ion with a **+1** charge, what element is it?

\_\_\_\_\_

4.

Draw a Bohr diagram for an atom of the element **Sodium**

**/2**