



Intro to Chemistry Test - Lesson 3 – The First 20 Elements

1. How many electrons does it take to fill up ring 1?
 - A) 2
 - B) 4
 - C) 6
 - D) 8

2. How many electrons does it take to fill up either ring 2 or ring 3?
 - A) 2
 - B) 4
 - C) 6
 - D) 8

3. Why does the periodic table list the elements in rows and columns?
 - A) Because each row of the periodic table corresponds to the rings around the nucleus.
 - B) Because each column of the periodic table corresponds to the number of electrons in each ring.
 - C) Both answers A and B are true.
 - D) Both answers A and B are false.

4. Which statement about elements is untrue?
 - A) Each atom in the periodic table represents a different element.
 - B) There are over 200 different elements in the world.
 - C) All the elements in ring 3 of the periodic table have three rings around their nucleus.
 - D) All the elements in the second column of the periodic table have two electrons in their outer ring.

5. Fill in the blanks with the correct element.

_____ stinks.

_____ is used to make borax.

_____, _____, and _____ are used in fertilizers.

_____ is used in advertising signs.

_____ is used in street lights.

_____ is used in welding to keep oxygen away from the weld.

_____ makes strong bones and concrete.

_____ is used in toothpaste.

_____ is used to disinfect swimming pools.

_____ and _____ are used in fireworks and sparklers.

_____ is no longer used to lift blimps and zeppelins.

_____ is found in sand.

_____ makes lightweight, sturdy ladders.

_____ is the reason we breathe.

_____ is the main component of air.

_____ is found in emeralds.

_____ is the black stuff left after burning wood and marshmallows.

_____ is used in batteries.

_____ is used to fill party balloons.