

Chapter one: The Chemical World

1. What is Chemistry?
 - a.
 - b.
 - c.

2. Steps in the scientific method:
 - a.
 - b.
 - c.
 - d.
 - e.

3. What is a scientific law?
 - a.

 - b. What does a scientific law not explain?

4. What is a Hypothesis, what must they be?
 - a.

 - b.

5. Hypothesis are tested with _____.

6. Describe what peer Review is:

a.

7. What is a theory, what must they survive?

a.

8. What are the steps to problem solving?

a.

b.

c.

d.

9. What is the formula for density?

a.

10. Find the density for a ball that has a radius of 3.65 cm and weighs 0.05 grams. Will the ball sink or float in water?

11. All things are made up of _____ and _____.

12. What is the atomic theory, and who created it?