

Name: _____

CP Chemistry

Atoms- Bill Nye

Introduction: The following questions go along with the video. All of these concepts should be a review from what you learned in physical science class

1) All matter is made up of what?

2) The word "atom" comes from a Greek work meaning what?

3) The particles in the middle of an atom are (circle one): light heavy

4) The particles around the middle of the atom are: light heavy

5) What particle(s) are in the nucleus of an atom? What particle(s) are around the nucleus of an atom?

6) What are the charges of the three particles in an atom?

7) What is the flow of electrons from one atom to another called?

8) How far away is an electron from the nucleus of an atom?

9) The great distance between the nucleus and the electrons means that atoms are mostly what?

10) If atoms are made of mostly empty space, then why is it that when Bill Nye jumps on the crate the atoms in his feet don't go through the atoms in the crate?

11) What makes one atom different from another atom?

12) Everything in the universe is made up of what two things?

13) Atoms are the _____ of all matter.

14) What's the big deal about carbon?

15) What is the branch of chemistry named for carbon?