

1. Title: Designing an atomic model of Lithium

a. Purpose = visualize what an atom would look like if it were to be blown up. (how big the nucleus is to the size of the entire atom and how much empty space an atom is)

b. Procedure =

- i. Choose a spherical object (this will represent a nucleus)
- ii. Determine the diameter of the spherical object
- iii. Multiply that spherical object diameter by 60,000. (this will represent the size of the entire atom if we use hydrogen as an example)
- iv. Create a visual of the blown up atom.
- v. You may write down the teacher example to help you figure out your example

Results:

spherical object = _____

diameter = _____

size of entire atom = _____

visual map of atom and placement of nucleus = (insert map or draw on own)