

If the teacher is using this as a summative lesson, he/she may want to use the following template to create an answer key. It is necessary for the teacher to determine, ahead of time, the mass, volume, and density of the objects that the students will use. The teacher doing the lesson decides whether the answers will be exact or rounded.

Volume/Density Lab Answer Key

Object	Mass	Volume	Density (mass/volume)

1. How did your calculations compare to the calculations of others in your group? _____
Answers will vary, but students should mention metric measurements and how their numbers compared to the calculations of those in their group.
2. Was it necessary for you to re-determine any of your figures? _____ Yes or No If yes, explain your error. _____
Answers will vary but should show an understanding of how to use the metric tools involved and how to determine mass, volume, and/or density depending on the students' errors.