

Conclusion (Required)

1. Conclusions must be written in paragraph form. Do not number or bullet a conclusion.
2. Restate the purpose / question/ problem.
3. Tell whether you accept or reject the hypothesis based on the results from this experiment.
4. What did you learn in this lab?
5. Now I wonder? (What are possible further experiments or questions that you could ask based on this experiment?)



The main objective of this Separating mixtures lab is to observe and predict the order settling in a mixture. I reject my hypothesis for the fact that I predicted perlite would be below water and it is above. I definitely discovered a few interesting things. I learned how the distinct layers of a mixture are determined by the density of an element and how this element's density compared to the other elements' densities. I also learned that not all elements <sup>in a mixture</sup> have a density that is denser than water. For example, the element perlite is actually less dense compared with water and floats above water instead of sinking below it. I wonder if we use salt water instead of water if it would be denser than some of the other elements →

Good!