

Sci-202 Day 5 Homework Questions

- 5a. Give a complete description of how someone can “suck” soda through a straw, and explain why the word “suck” is somewhat misleading in this context.
- 5b. The specific gravity of steel is 7.8, yet steel battleships can float. How can this be?
- 5c. Water expands when heated. Imagine a bobber floating in a cold pond. Will that same bobber float higher or lower in hot water? Justify your answer using *Archimedes's Principle*.