

Egg Osmosis Experiment Questions

- 1) How old is "Luna" in this video?
- 2) How much does the egg weigh at the beginning of the experiment? _____
- 3) What chemical we do first use to digest the eggshell of the egg? About how long does this take?
- 4) How much does my egg weigh after the shell has been chemically removed? _____
- 5) Was the chemical that the egg was sitting in when digesting the shell, hypertonic, hypotonic, or isotonic to the egg? (to answer this question, think about whether the egg weighs more, the same, or less between #2 and #4)?
- 6) In the second part of the experiment, we let the egg soak in corn syrup. Is corn syrup hypertonic, isotonic, or hypotonic to the egg (think about the weight of the egg at the end of this step)?
- 7) What is the final solution that the egg is soaked in? Does the egg gain or lose weight during this soaking?
- 8) At the very end of the experiment, is the egg more like a hard-boiled egg or is it more like the liquid contents of an uncooked egg?