

**RESULTS:**

mass (g)	start	end
sugar	89.3	47.8
DISTILLED H <sub>2</sub> O	86.7	88.7

**ANALYSIS:**

Show calculations for the **percent change** of both [distilled water](#) and [sugar solution](#) eggs.

$$\text{Percent Change} = \frac{(\text{End} - \text{Start})}{\text{Start}} * 100$$

negative = decrease

positive = increase

**ANALYSIS:**

1. **How** did this experiment demonstrate osmosis (aka diffusion of water)?
2. **How** does this activity explain **why** soaking dry beans overnight swells them up?
3. **How** does this activity explain **why** drinking very salty ocean water is unhealthy?

**CONCLUSION:**

Explain the science of what happened in this investigation. Use the terms diffusion and osmosis in your conclusion.

**C** = the question

**E** = actual evidence (data)

**A** = explain what happened in this lab using the science of diffusion (moving from high to low concentration) and osmosis (diffusion of water)

**L** = restate the question