**The Right Amount of Salt?**

**Aim:** To find out what happens to potato cubes when they are in different salt solutions.

**Hypothesis:** I think that the weight of the potato cube will <increase/ decrease/ stay the same> in a solution of <high salt/ isotonic salt/ pure water>.

**Method:**

1. Dry and weigh 3 potato cubes
2. Place one in each of: saturated salt solution, isotonic salt solution, pure water
3. Leave overnight
4. Dry and weigh the potato cubes again
5. Compare the weights

**Results:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Condition** | **Initial mass (g)** | **Final mass (g)** | **Percentage change**  **(final/initial x 100%)** |
| **A.** Saturated salt | 1.52 | 1.4 | -8% |
| **B.** Isotonic salt | 1.33 | 1.3 | -2% |
| **C.** Pure water | 1.66 | 1.9 | +14% |

**Conclusion:**

Agree/Disagree

Explain

Improvements