Six cups were filled with water. Six baggies were filled with water of different sugar concentrations. Sat for one day. Mass % change was calculated.

Five cups were filled ¾ full of distilled water. Red, yellow, green, blue, and purple solutions were put in separate dialysis bags. The bags were tied, leaving some room for movement but not air. The mass of each bag was calculated and the bags were placed separately in the cups of distilled water. The cups sat for 24 hours. The next day, the final mass of each bag was calculated. The change in mass was calculated. The change in mass was found by subtracting the final mass from the initial mass. The % change in mass was calculated by dividing the change in mass / initial mass. The molarity of each bag was determined by the % change in mass. The largest % change in mass was the 1.0 M solution. As the % change in mass decreased, the M of the solution decreases. The 0.2 M solution had the smallest % change in mass.