

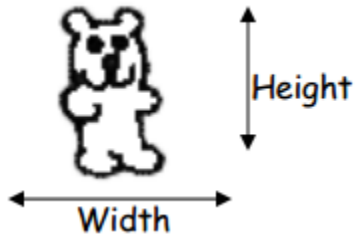
Name: _____

How will soaking gummy bears in water affect their size?

Prediction:

Procedure:

1. Write your name on the cup.
2. Use your ruler to find the height and width of your gummy bear in centimeters and record in the data table.



3. Fill cup half full with water. (Teacher will do this for you)
4. Place gummy bear in water overnight.
5. Gently measure height and width of pre-soaked gummy bear in centimeters and record in data table.

Data:

Before soaking in water	After soaking in water
Height:	Height:
Width:	Width:

Calculations:

Calculate the percent change in the size of the candy:

% change in height

1. After soaking height – before soaking height

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

2. Change in height \div before soaking height

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3. Multiply answer by 100 (only use one decimal place)

$$\underline{\hspace{2cm}} \times 100 = \underline{\hspace{2cm}}\%$$

% change in width

1. After soaking width – before soaking width

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

2. Change in width \div before soaking width

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3. Multiply answer by 100 (only use one decimal place)

$$\underline{\hspace{2cm}} \times 100 = \underline{\hspace{2cm}}\%$$