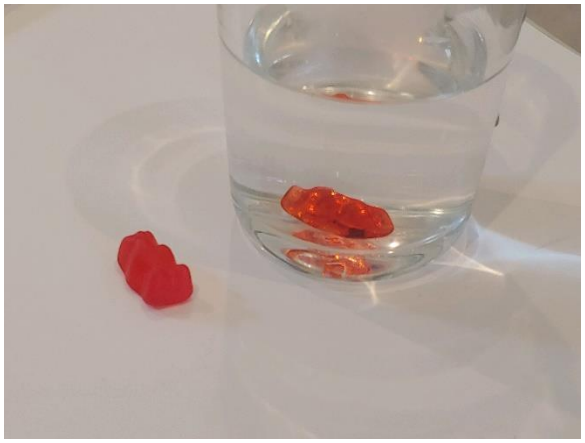
Gummy Bear Lab

Do you have a gummy bear we can use for our math lab this week? Or a piece of pasta? Or something that changes size when placed in water? That's what we want to use!

Steps:



1. First, make sure you have TWO IDENTICAL pieces. You have to have something to compare with the one you'll experiment with.

2. Next, measure the first one with a ruler either in metric (mm or cm) or in standard (inches):

   _____

3. Now place one of the pieces in the water and look at the clock. What time is it?

   _____

4. If the object gets larger with time, it will have a *positive* percent change increase. If it gets smaller, then it will have a *negative* percent change increase. (Mine got a lot smaller when I put a gummer bear in hot water, so it had a *percent change decrease*!) Which is your gummy bear doing?

5. What else can you place your gummy bear in besides water? Write down different types of liquids you might want to use:

6. On the next page is a data table. Please use one data table per glass of liquid you decide to test. Make a note as to which liquid caused your piece to increase or decrease!

My question:

Liquid:

Trial	Time	Size	Percent Change
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Result: