

Assessment: Percent Change

Name _____

The average percent change can be calculated in two ways:

Method A: Find the average of the percent change.

Method B: Find the percent change of the average original weight and the new weight.

- 1) Do you think the average percent change will be the same using the two methods?
Why or why not?

Use the table below for questions 2 and 3.

Sample	Dry Weight*	Wet Weight*
1	7.2	9.2
2	7.8	10.7

- 2) Use Method A to find the average percent change of the data in the table below. Make sure to show your calculations. Round to the nearest whole percent.
- 3) Use Method B to find the percent change of the average weight before and after immersion for your painted and unpainted samples. Make sure to show your calculations. Round to the nearest whole percent.
- 4) Compare your answers in problems 2 and 3. Are they different? Why do you think this happened?