

Humidity in the Air: Student Data Sheet

1. Follow instructions and add full spoons of water to the sponge one at a time. Be sure to record how many spoons you added. Zero is already listed in the table.
2. How many spoons of water did you add before the sponge could not hold any more water?

This is the total number of spoons.

3. In the first column, record the number of spoons of water added to the sponge.
4. In the second column calculate the number of spoons added divided by the total number of spoons that you recorded.

$$\text{Number of spoons} \div \text{Total number of spoons}$$

This number is the fraction of spoons added before the sponge was saturated.

5. In the third column, calculate the percent saturation by dividing the fraction of saturation by 100.

Number of Spoons	(Number of Spoons) ÷ (Total number of spoons)	Percent Saturation (%)
0		

Number of Spoons	(Number of Spoons) ÷ (Total number of spoons)	Percent Saturation (%)