

Make a Hygrometer and Measure Humidity

Name: _____

Date: _____

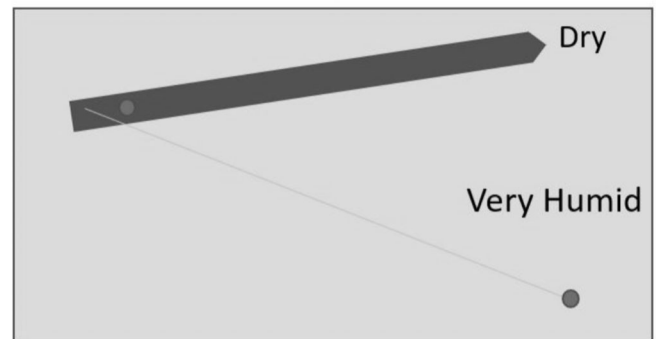
Student quiz

Directions: Indicate the correct answer(s) for each question below.

1. Select the correct statement. Only **one** is correct.
 - a. A hygrometer measures how much rain fell.
 - b. A hygrometer measures how much water vapor is in the air.
 - c. A hygrometer measures the weather.
 - d. A hygrometer measures how strong the wind blows.

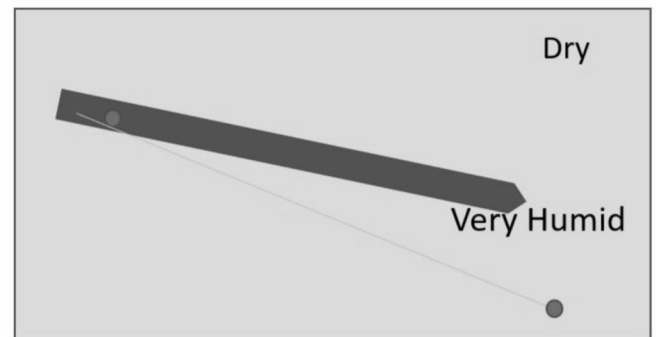
2. Circle **all** situations for which you expect a hygrometer reading as shown in picture 1.

- a. A dry day in the countryside.
- b. A foggy day in the forest.
- c. A day on the ocean.
- d. A day in a dry dessert.



3. Circle **all** situations for which you expect a hygrometer reading as shown in picture 2.

- a. A dry day in the countryside.
- b. A foggy day in the forest.
- c. A day on the ocean.
- d. A day in a dry dessert.



Make a Hygrometer—Page 2

Name: _____

Student quiz

Directions: Answer the questions below.

4. Circle **all** processes that make the humidity increase.
 - a. Condensation
 - b. Evaporation
 - c. Breathing out
 - d. Breathing in

5. A pot filled with a lot of water is left cooking for some time in a kitchen. All doors and windows are closed. Your hygrometer stands in the kitchen.
 - a. Explain what you think will happen.

Use the words: **humid** or **humidity** and **to evaporate** in your explanation.

 - b. Explain or draw how the hygrometer will change.