

Section 2 Assessment



Vocabulary

- 1 Draw lines to match each word to its definition.
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|----------|--|
| frost | a. the amount of water vapor in the air |
| humidity | b. water vapor that has condensed to a liquid on a cool surface |
| dew | c. water vapor that has condensed to a solid on a surface that is at or below freezing |

Finding Relative Humidity

- 2 Use your *Relative Humidity Table* to complete the chart.

Dry-Bulb Temperature (°C)	Wet-Bulb Temperature (°C)	Relative Humidity (%)
18	10	
	21	65%
31		93%

Where Does Dew Come From?

- 3 Fill the jar halfway with water. Add 4 drops of food coloring and about 115 mL (about $\frac{1}{2}$ c) of crushed ice. Screw on the lid and shake the jar. Let the jar sit for two minutes.
- 4 Wipe off the dew with a paper towel. What color is the dew?
- _____
- 5 Did the dew come from inside the jar? Explain how you can tell. If not, where did it come from?
- _____
- _____