

# Chapter 20.1

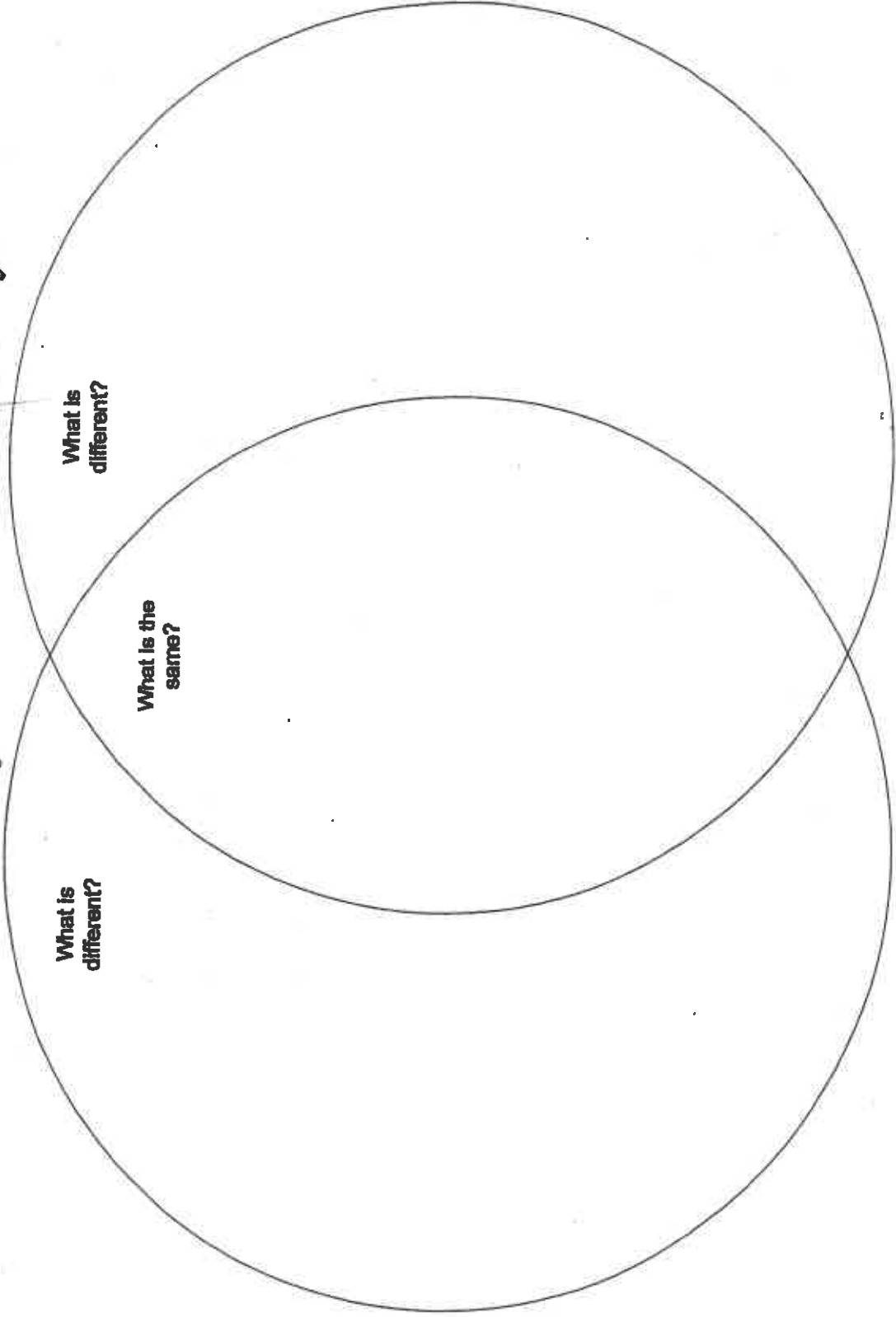
## Compare and Contrast

Absolute Humidity

Item #2

Relative Humidity

Item #1



**Chapter  
20.1****Transparency Worksheet 40  
Humidity/Relative Humidity**

1. What is the relationship between temperature and the amount of water vapor the air can hold?

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2. Why are wet-bulb thermometer readings lower than dry-bulb readings?

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3. What would the relative humidity be if a wet-bulb thermometer and a dry-bulb thermometer read the same? Explain.

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4. What is the relative humidity when the dry-bulb reading is  $24^{\circ}\text{C}$  and there is a four degree difference between the wet-bulb and dry-bulb readings?

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5. What is the relative humidity if the temperature is  $30^{\circ}\text{C}$  and the wet-bulb reading is  $23^{\circ}\text{C}$ ?

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