

After You Read

Mini Glossary

air pressure: the pressure that a column of air exerts on the air, or surface, below it

dew point: the temperature at which air is fully saturated because of decreasing temperatures while holding the amount of moisture constant

humidity (hyew MIH duh tee): the amount of water vapor in the air

precipitation: water, in liquid or solid form, that falls from the atmosphere

relative humidity: the amount of water vapor present in the air compared to the maximum amount of water vapor the air could contain at that temperature

water cycle: the series of natural processes in which water continually moves among oceans, land, and the atmosphere

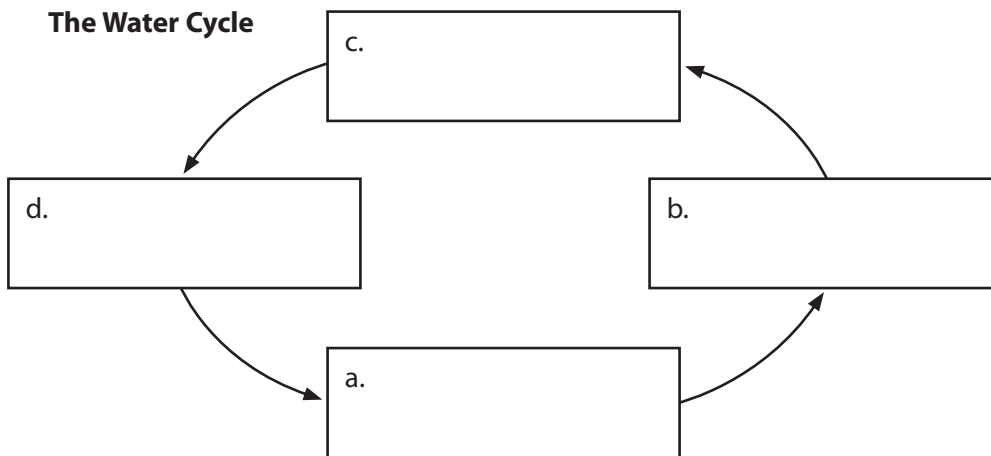
weather: the atmospheric conditions, along with short-term changes, of a certain place at a certain time

- Review the terms and their definitions in the Mini Glossary. Write a sentence that explains how relative humidity and dew point are related.

- Complete the graphic of the water cycle by writing the terms below in the correct order. You may begin with any process.

cloud formation
condensation

evaporation
precipitation



What do you think **NOW?**

Reread the statements at the beginning of the lesson. Fill in the After column with an A if you agree with the statement or a D if you disagree. Did you change your mind?



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Lesson 1 | Describing Weather (continued)

Main Idea

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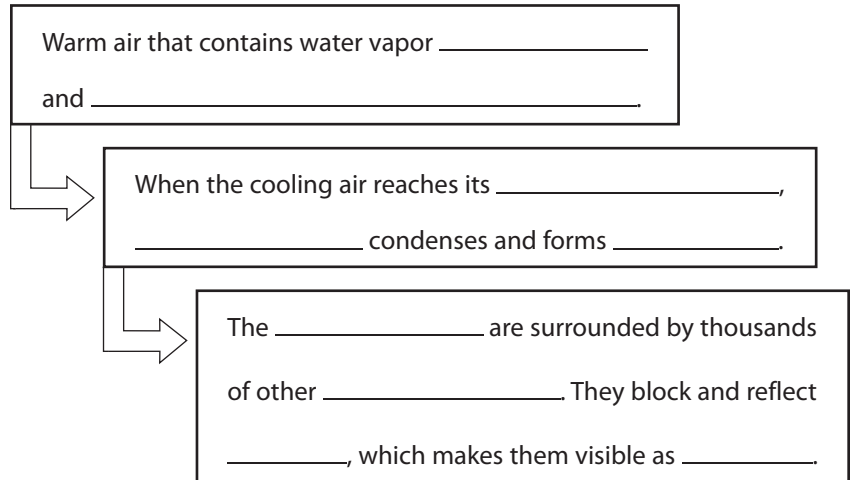
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Details

Identify the events that must occur in order for the dew point to be reached.

1. Air temperature _____.
2. The amount of moisture in the air _____.

Sequence the steps in cloud formation.



Classify clouds. Describe the appearance of each type of cloud, and identify the altitude at which it is found.

Type of Cloud	Appearance	Altitude
Stratus		
Cumulus		
Cirrus		

Complete the sentence frame to describe fog.

Fog is a suspension of  close to Earth's surface.

Lesson 1 | Describing Weather (continued)

Main Idea

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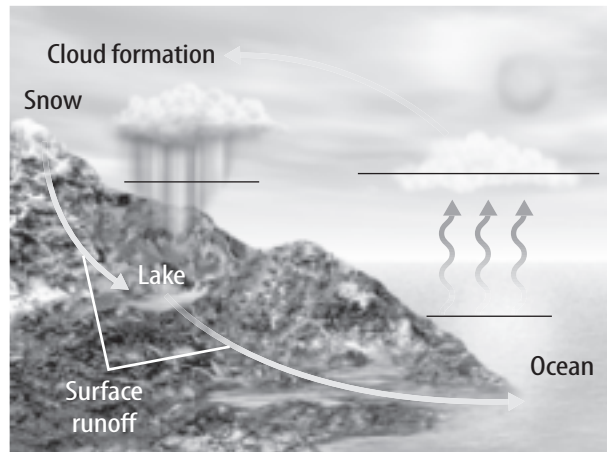
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Details

Identify 4 types of precipitation. Circle the types that reach Earth's surface as frozen water.

- 1. _____
- 2. _____
- 3. _____
- 4. _____

Label the water cycle in the illustration below, and then explain how the water cycle relates to weather.



Connect It A greenhouse owner determines that the plants in the greenhouse need a higher humidity level. How could the owner address this problem?
