



Name _____ Class _____ Date _____

1 The **type of precipitation** that falls to earth's surface **depends on** _____.

A the type of cloud it comes from
 B temperature
 C air pressure
 D wind speed

2 Changes in the weather of any region are the result of the interaction of **air masses**. An air mass is a large body of air with both **similar temperature** and **similar moisture** throughout the air body. **True or false?**

A true
 B false

3 Which of the following air masses would be **warm** and **wet**?

4 The weather in **California** would be influenced most by which air mass?

PREVIEW

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7 streams, and surface water runoff also contributes to water vapor. **Some water vapor is released from plants in a process called** _____.

A condensation
 B transpiration
 C evaporation
 D precipitation

8 which water **returns** to the earth's surface?

A condensation
 B transpiration
 C evaporation
 D precipitation

9 As weather systems move from **west to east** toward a mountain system, they ascend. **As they ascend**, they release their water as rain or snow. **Describe the climate on the eastern side of the mountains.**

A very wet
 B dry and arid
 C windy
 D tropical and humid

10 As warm, moist air rises to the west of a mountain range, significant rainfall causes green, well-watered land to develop, leaving the eastern side of the mountains dry and lightly-vegetated. **Geologists call this the** _____.

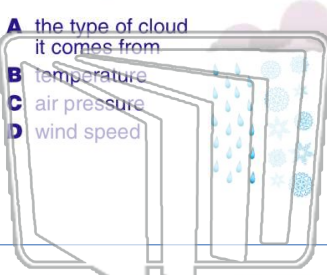
A rain shadow effect
 B mountain top effect
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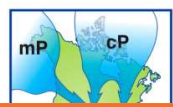


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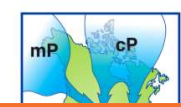
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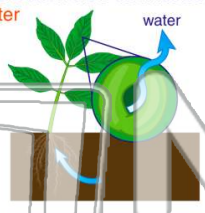


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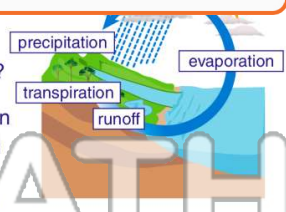
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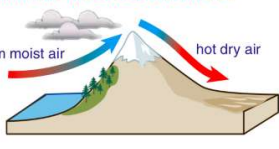
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