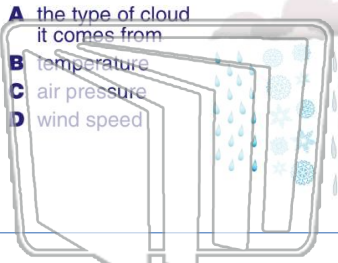




Name _____ Class _____ Date _____

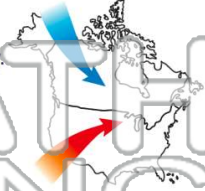
1 The **type of precipitation** that falls to earth's surface **depends** on _____.

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

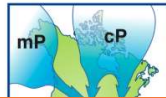


2 Changes in the weather of any region are the result of the interaction of **air masses**. An air mass is a large body of air with both **similar temperature** and **similar moisture** throughout the air body. **True or false?**

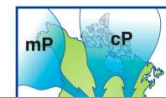
- A true
- B false



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?

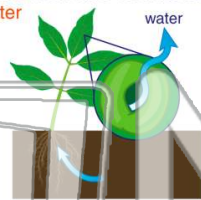


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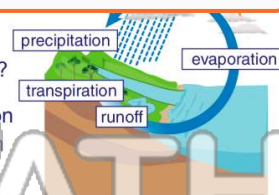
7 streams, and surface water runoff also contributes to water vapor. **Some water vapor is released from plants in a process called** _____.

- A condensation
- B transpiration
- C evaporation
- D precipitation



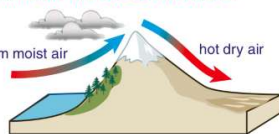
8 which water **returns** to the earth's surface?

- 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
- C desert effect
- D water cycle effect

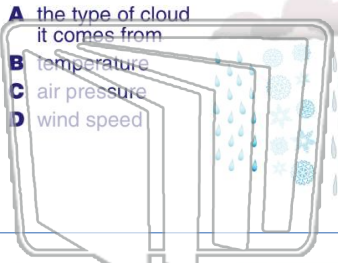




Name _____ Class _____ Date _____

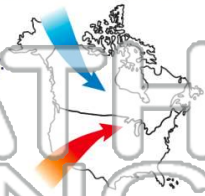
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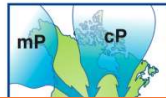


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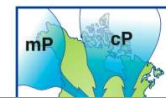
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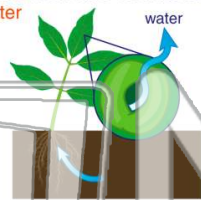


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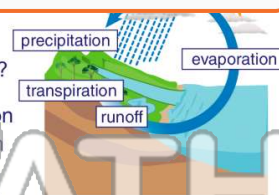
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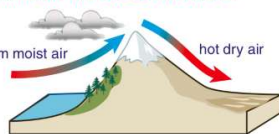
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