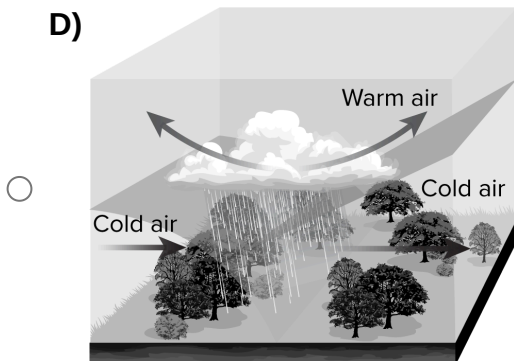
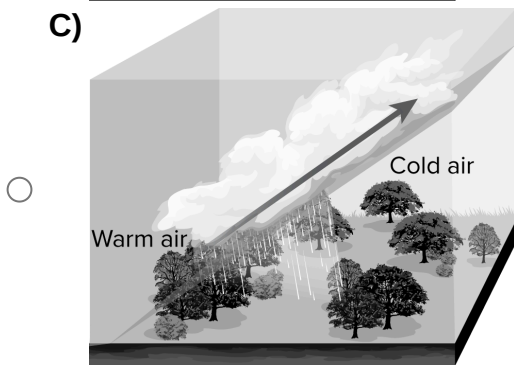
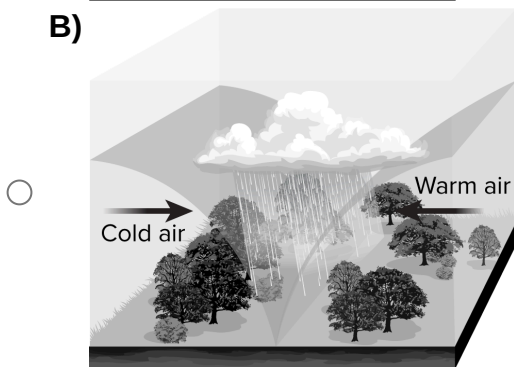
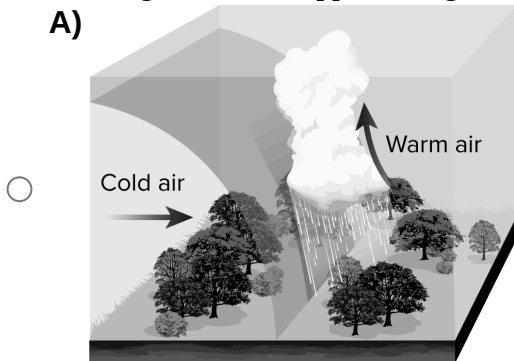


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1) Which image shows an approaching cold front?



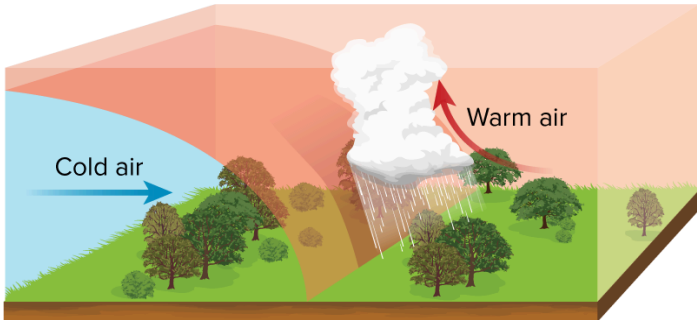
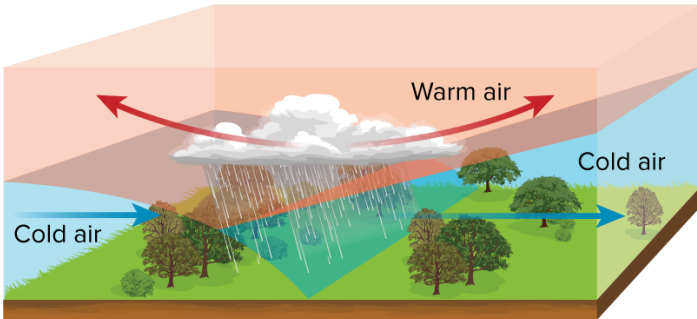
**Ch 8 Lesson 2 Review**

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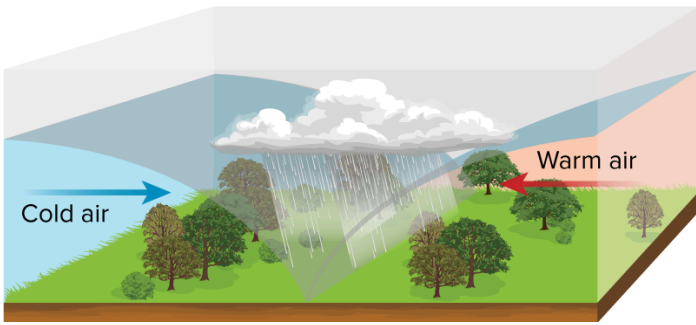
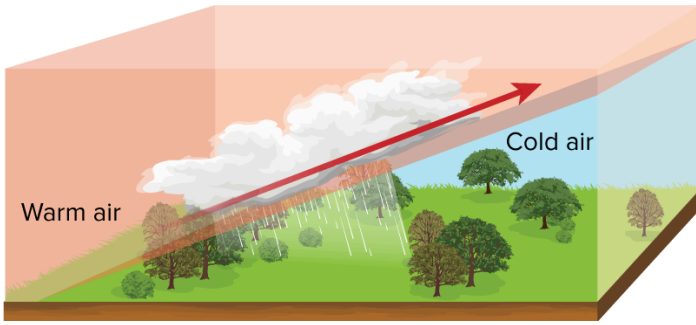
- 2)** How do jet streams directly influence local weather?
- A)** They push air masses around and move weather systems.
  - B)** They are the cause of global winds.
  - C)** They increase the temperature of surrounding areas.
  - D)** They increase the rate at which water evaporates.
- 3)** Which air mass contains cold, humid air?
- A)** continental polar
  - B)** continental tropical
  - C)** maritime tropical
  - D)** maritime polar

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4) Weather fronts form when air masses with different characteristics meet. Four types of weather fronts form on Earth. They are illustrated and described in the figure below.

	Type of weather front	Characteristics
1		<ul style="list-style-type: none"> <li>• fast decrease in air temperature</li> <li>• short-lived, heavy precipitation</li> <li>• localized thunderstorms</li> </ul>
2		<ul style="list-style-type: none"> <li>• A fast moving front catches up with a slower moving front.</li> <li>• Cold air remains beneath a layer of warm</li> </ul>

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		<p>air above.</p> <ul style="list-style-type: none"> <li>• Precipitation is possible</li> </ul>
<p>3</p>		<ul style="list-style-type: none"> <li>• weather system lasts for several days</li> <li>• cloudy skies</li> <li>• light rain</li> </ul>
<p>4</p>		<ul style="list-style-type: none"> <li>• possible decrease in air temperature</li> <li>• long-lived steady precipitation</li> <li>• widespread weather system</li> </ul>

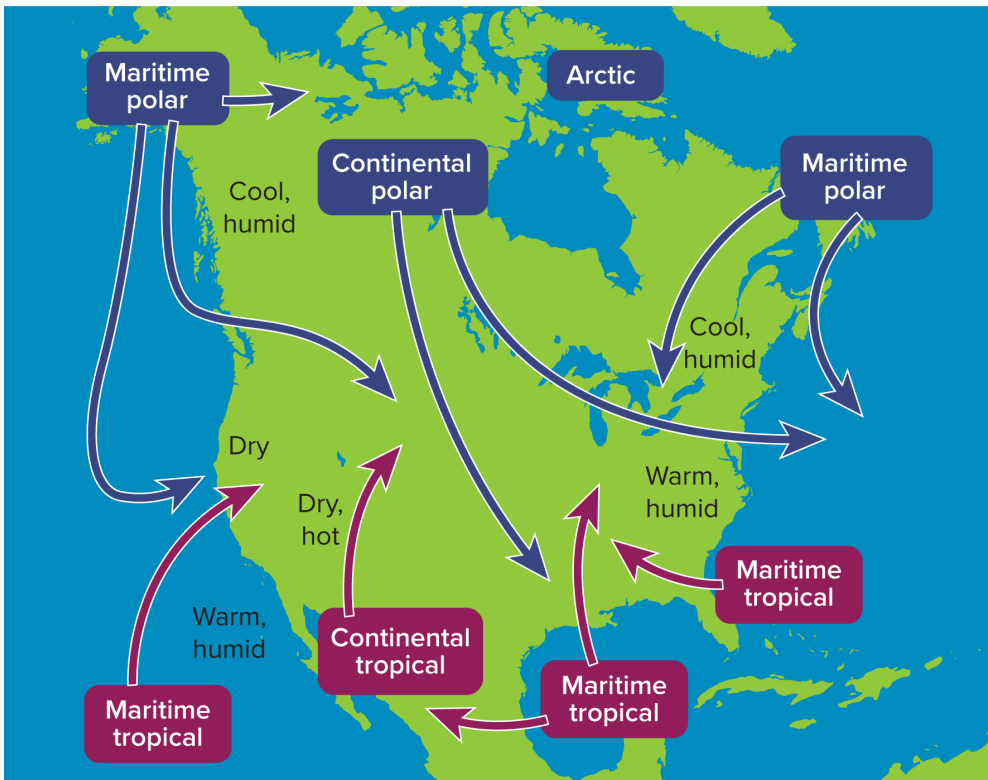
Notice that the air temperature in Row 1 decreases quickly. Which statement describes how this happens?

- A)** A warm air mass pushes a cold air mass straight upward.

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- B) A cold air mass pushes a warm air mass on an angle gently upward.
- C) A warm air mass pushes a cold air mass on an angle gently upward.
- D) A cold air mass pushes a warm air mass straight upward.

5) A maritime tropical airmass forms over warm ocean water. The air mass moves inland and flows northward over the land. How does the air mass change in character?



- A) It becomes cooler and drier.
- B) It becomes warmer and wetter.
- C) It becomes cooler and wetter.
- D) It becomes warmer and drier.