



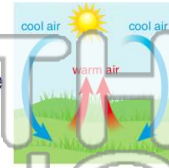
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Kevin noticed by watching the weather reports that when the humidity was **high**, more clouds formed in the sky than on the days when the humidity level was low. Which equation below supports this fact?

- A high humidity = clear skies
- B moisture = nothing to do with clouds
- C less moisture in air = more clouds develop
- D more moisture in air = more clouds develop

2 What happens when **cold air surrounds warm air** and the warmer air rises?

- A air moves north
- B air becomes stable
- C air becomes unstable
- D air forms ice crystals



3 A small weather system that has **intense energy** which creates **heavy rains, high winds, and lightning** is called a \_\_\_\_\_

4 Anne heard on the weather report that a storm was forming **over the ocean** with wind speeds **over 119 kilometers per hour**. What type of storm was Anne \_\_\_\_\_



## PREVIEW

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7 factors that determine an **area's climate**?



- A amount of warm and cold fronts
- B air temperature and amount of precipitation
- C humidity and wind
- D location near cities or rural areas

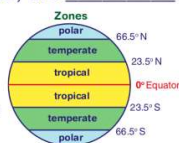
**hot and dry**. This occurs because \_\_\_\_\_ can affect the climate of certain areas.

- A landforms
- B deserts
- C clouds
- D nothing



9 The **three major climate zones** on Earth, divided mainly by **latitude**, are \_\_\_\_\_.

- A continental, tropical, and maritime
- B continental, maritime, equatorial
- C polar, temperate, and tropical
- D polar, regional, and tropical



10 **Volcanic eruptions** and **air pollution**, such as carbon dioxide and other gases being constantly released into the atmosphere, can **cause** \_\_\_\_\_.

- A instant change to Earth's climate
- B change to the Earth's orbit
- C changes in climate over long periods of time
- D all of the water on Earth to evaporate





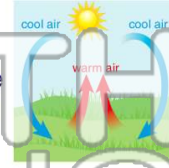
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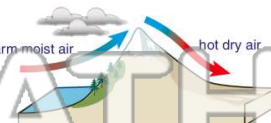
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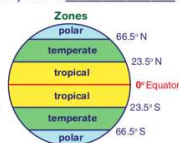
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