

Ch 16 & Ch 17 Quiz Review Worksheet

Ch 16 Section 1: Water in the Air

Match the correct definition with the correct term. Write the letter in the space provided.

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| _____ 1. amount of water vapor in the air compared to the maximum it can hold | a. precipitation |
| _____ 2. process in which water vapor cools and turns to liquid | b. condensation |
| _____ 3. collection of water droplets suspended in the air | c. weather |
| _____ 4. amount of water vapor in the air | d. humidity |
| _____ 5. water that falls to the Earth's surface as rain, snow, sleet, or hail | e. relative humidity |
| _____ 6. condition of the atmosphere at a certain time and place | f. cloud |

Write the letter of the correct answer in the space provided.

- _____ 7. What role does runoff play in the water cycle?
- It is the process in which liquid turns to water vapor.
 - It carries water from precipitation into oceans.
 - It takes water out of the water cycle.
 - It is not part of the water cycle.
- _____ 8. What happens when air reaches its dew point?
- Condensation occurs.
 - Relative humidity is 100%.
 - The humidity decreases.
 - Clouds form.
- _____ 9. What kind of weather will nimbostratus clouds likely bring?
- | | |
|----------|------------------|
| a. sunny | c. rainy |
| b. warm | d. thunderstorms |
- _____ 10. How does sleet differ from snow?
- It is not a form of precipitation.
 - It is liquid and not ice.
 - It starts as rain and freezes in the air.
 - It starts as water vapor and changes to a solid.

Ch 16 Section 2: Air Masses and Fronts

Write the letter of the correct answer in the space provided.

- _____ 1. Which of the following describes an air mass with the symbol cT?
- cold and wet
 - cold and dry
 - warm and wet
 - warm and dry