

**Chapter 18 Moisture, Clouds, and Precipitation**

**Section 18.3 Cloud Types and Precipitation**


*This section describes different types of clouds, including fog. It also explains how precipitation forms and describes different types of precipitation.*

**Reading Strategy**

As you read, add definitions for the vocabulary terms. For more information on this Reading Strategy, see the **Reading and Study Skills** in the **Skills and Reference Handbook** at the end of your textbook.

Vocabulary Term	Definition
Cirrus	a.
Cumulus	b.
Stratus	c.
Coalescence	d.

**Types of Clouds**

1.  Is the following sentence true or false? Clouds are classified based on form and height. \_\_\_\_\_
2. The three types of \_\_\_\_\_ clouds are cirrus, cirrostratus, and cirrocumulus.
3. Which photograph shows cumulus clouds? \_\_\_\_\_
4. Which photograph shows cirrus clouds? \_\_\_\_\_



A.



B.

### Chapter 18 Moisture, Clouds, and Precipitation

5. How can you tell from the name of a cloud if it is a middle-range cloud?

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6. Circle the letter of each cloud type that is a low cloud.

- a. stratus
- b. altostratus
- c. stratocumulus
- d. nimbostratus

### Fog

7. Define fog. \_\_\_\_\_

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8. Is the following sentence true or false? Fogs can be formed by cooling or by evaporation. \_\_\_\_\_

### How Precipitation Forms

9. What must happen for precipitation to form? \_\_\_\_\_

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10. Formation of precipitation in cold clouds is called the \_\_\_\_\_ process.

11. Is the following sentence true or false? In warm clouds, raindrops form by the Bergeron process. \_\_\_\_\_

12. Circle the letter of the word that describes water in the liquid state below 0°C.

- a. supersaturated
- b. coalesced
- c. saturated
- d. supercooled

### Forms of Precipitation

Match each description with its form of precipitation.

Description	Form of Precipitation
_____ 13. small particles of ice	a. hail
_____ 14. drops of water that fall from a cloud and have a diameter of at least 0.5 mm	b. sleet
_____ 15. ice pellets with multiple layers	c. rain