

Name \_\_\_\_\_

Date \_\_\_\_\_

Core \_\_\_\_\_

### Cloud Quiz

#### Multiple Choice

\_\_\_\_\_ 1. Which part of the water cycle takes place when water changes from gas to liquid or solid (ice) because of cooler temperatures? Clouds are formed as a result.

- a. Precipitation
- b. Condensation
- c. Clumping
- d. Evaporation

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\_\_\_\_\_ 2. Which explanation is the best reason for why some clouds do not produce rain?

- a. The temperature of the cloud is too hot
- b. The clouds are too low to the ground
- c. The water drops are very light and can stay afloat with a little wind
- d. The cloud needs to combine with other clouds first

\_\_\_\_\_ 3. Which type of weather tool can track the movement of clouds and rain totals?

- a. Thermometer
- b. Rain gauge
- c. Barometer
- d. Radar

\_\_\_\_\_ 4. Which of the following is probably not a danger from a cloud?

- a. Dew
- b. Lightning
- c. Hail
- d. Tornado

#### Labeling



\_\_\_\_\_ 5. Cumulus

\_\_\_\_\_ 6. Stratus

#### Matching

\_\_\_\_\_ 9. Stratus

\_\_\_\_\_ 10. Cumulus

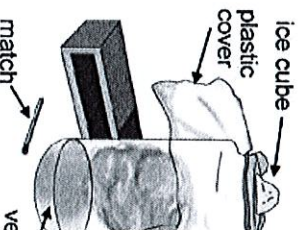
\_\_\_\_\_ 11. Cumulonimbus

\_\_\_\_\_ 12. Cirrus

- a. typ
- can pr
- b. typ
- thous
- ground
- c. typ
- is wist
- d. typ
- sun be

#### Bonus (1 pt each)

Students did an experiment to find out how hot the water cloud. The set up is shown below. Answer the following



\_\_\_\_\_ What is the independent variable?

- a. Amount of ice on top of jar
- b. Temperature of hot water
- c. Size of jar
- d. Thickness of plastic cover

\_\_\_\_\_ What is the dependent variable?

- a. Amount of cloud in jar