

Name: _____

Period: _____

Wind and Water Cycle Review

Section 3 (chapter 1) know:

Wind
Coriolis effect

Trade winds
Westerlies

Polar easterlies
Jet stream

Section 1 (chapter 2) know:

Weather
Water cycle
Humidity

Relative humidity
Condensation
Dew point

Cloud
Precipitation

In the space provided, write the letter of the description that best matches the term or phrase.

- _____ 1. Coriolis effect a. prevailing winds that blow from west to east between 30° and 60° latitude in both hemi- spheres
- _____ 2. global winds b. the curving of the path of a moving object from an otherwise straight path due to Earth's rotation
- _____ 3. trade winds c. polar easterlies meet warm air from the westerlies, creating a stormy area
- _____ 4. westerlies d. prevailing winds that blow from east to west between 60° and 90° latitude in both hemispheres
- _____ 5. polar easterlies e. prevailing winds that blow from 30° to 0° latitude in both hemispheres

6. T / F: Condensation is the process of changing a liquid into a gas.

7. Humidity is the amount of _____ in the air.

8. Which step of the water cycle involves a plant releasing water through their leaves?

9. Relative humidity compares the amount of water vapor in the air to the

_____ of the air.

10. The _____ the difference of air pressure, the _____ speed of air movement.

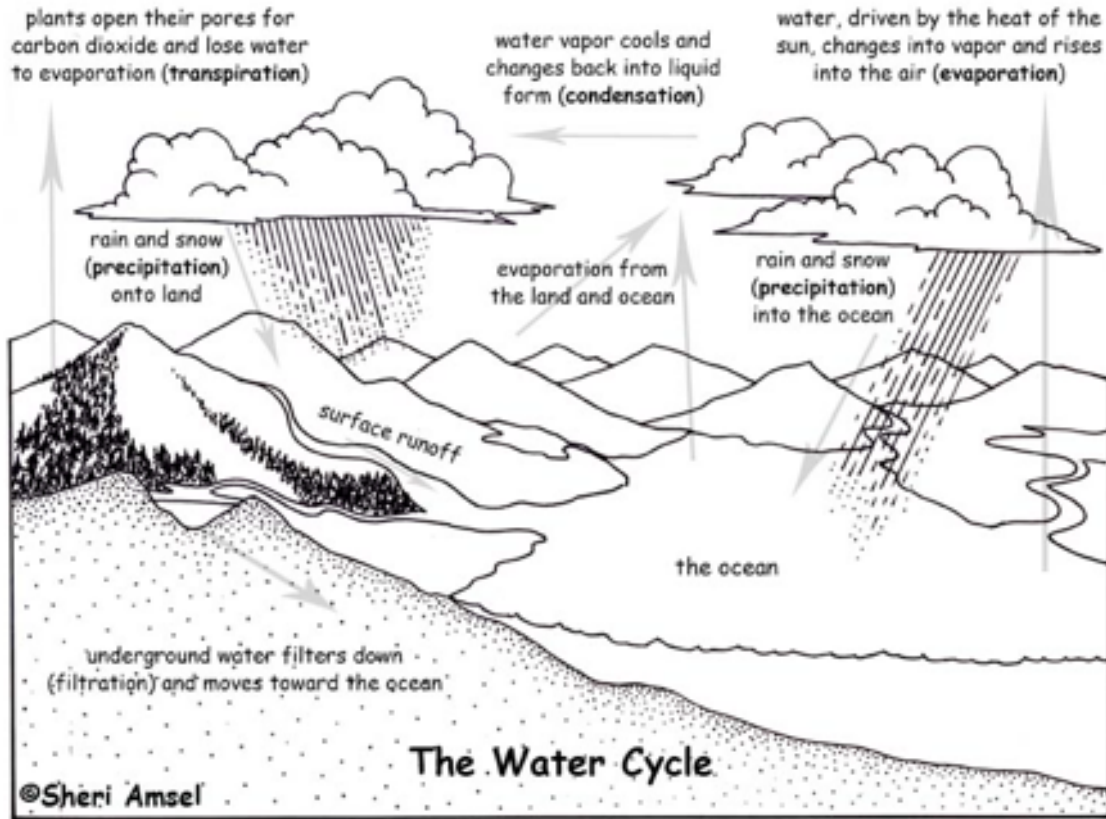
11. Air pressure moves from areas of _____ pressure to areas of _____ pressure.

12. Soil _____ and _____ faster than water.

13. Water holds _____ much longer than soil does.

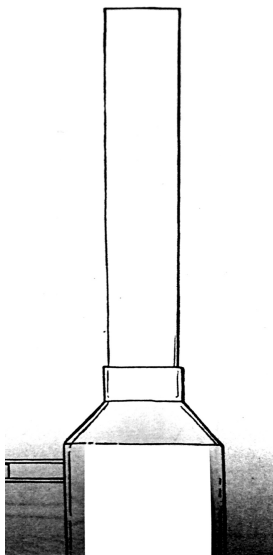
Using the words below, label the parts of the water cycle in the diagram, answers may be used more than once.

Condensation **evaporation** **precipitation** **runoff** **transpiration**



21-22 Draw a labeled diagram of both the cold water and hot water convection tube. Use arrows to show the movement of the smoke.

Cold



Hot

