

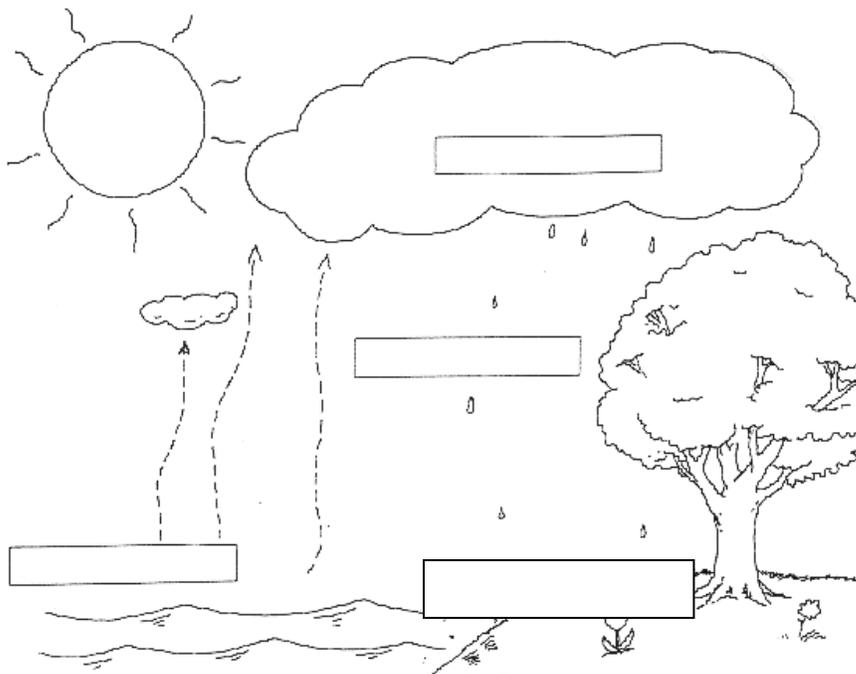
Weather Test

Identify the following statements as: *precipitation, evaporation, condensation, or run off.*

1. _____ I am the process when liquid changes to a gas.
2. _____ I am the process when water is soaked into the ground.
3. _____ I am rain, snow, hail, or sleet falling to the Earth.
4. _____ I am the process when a gas changes to a liquid.
5. _____ I am the process when clouds form.
6. _____ I am when precipitation makes its way back to the Earth's waters.
7. _____ The sun starts this process by heating up water.
8. _____ I am the process that turns water to water vapor.

Label the following parts of the water cycle. Use the words in the box. (9-12)

Evaporation
Condensation
Transpiration
Accumulation
Run Off
Precipitation

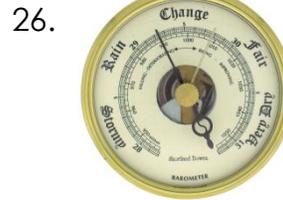


True or False.

13. _____ Water vapor is the gas form of water.
14. _____ Cumulus clouds are seen on fair weather days.
15. _____ A barometer measures air temperature.
16. _____ The boiling point on the Celsius scales is 212 degrees.
17. _____ A wind vane points to where the wind is coming from.
18. _____ A wind vane and wind sock both tell wind direction.
19. _____ If a hurricane is approaching, the air pressure rises.
20. _____ The desert has more humidity than the beach.
21. _____ If you went to England, the meteorologist would use Fahrenheit.
22. _____ A rain gauge measures precipitation.
23. _____ Tornadoes will sometimes bring hail.

Label the following weather instruments with their correct names. Use the word bank.

Wind vane	Anemometer	Hygrometer	Thermometer
Barometer	Doppler	Rain Gauge	



Match the weather instrument with what it measures.

- 28. _____ I measure where the wind is coming from.
- 29. _____ I measure the amount of precipitation.
- 30. _____ I measure how fast the wind is blowing.
- 31. _____ I measure the air temperature.
- 32. _____ I measure humidity.
- 33. _____ I measure air pressure
- 34. _____ I am another name for a wind vane.

- A. Wind Vane
- B. Thermometer
- C. Hygrometer
- D. Anemometer
- E. Barometer
- F. Rain Gauge
- G. Wind Sock

Draw a picture of what each cloud looks like and label the cloud. Put the cloud with where you would find it in the sky (either low, medium, or high). Draw either water droplets or ice crystals in the cloud. (35, 36, 37)



Multiple Choice:

38. _____ Look at the map to the right. Where would a tornado be **most likely** to occur.
- a. SC
 - b. PA
 - c. OK
 - d. WA



39. _____ Where would a hurricane be **most likely** to occur.
- a. FL
 - b. ME
 - c. SD
 - d. AZ

40. _____ The picture to the right shows which type natural disaster?
- a. severe thunderstorm
 - b. hurricane
 - c. blizzard
 - d. tornado



41. _____ Which hurricane name will be retired?
- a. Katrina
 - b. Amanda
 - c. Irene
 - d. Debbie

Put the shape in front of the statement in the appropriate place in the Venn diagram. (42-50)

- | | | |
|----------------------|---------------------------|-----------------------|
| ★ Swirling storm | ⚡ Divided into categories | ✖ Sounds like a train |
| ♥ Formed over water | 😊 Has an eye | 🌙 Lasts for days |
| ▲ Lasts about 10 min | 🚫 Named to track easily | 🇺🇸 Most occur in US |

