

1. About(_____%) of Earth's surface is covered by water
 - A 71
 - B 97
 - C 35
 - D 3

2. (_____%) of water on Earth is salty/ocean.
 - A 3
 - B 13
 - C 33
 - D 97

3. The hydrologic or water cycle is powered by _____.
 - A Ms. Gary-Robinson
 - B the sun
 - C moon
 - D convection currents

4. The total amount of water on Earth has _____ since Earth was formed
 - A not changed
 - B decreased
 - C increased

5. Most of the earth's FRESH water is in rivers and lakes.
 - A True
 - B False

6. Most of the fresh water of the world is _____.
 - A frozen in the poles
 - B in the local pool
 - C in ponds and streams
 - D up in the air as rain and clouds

7. Precipitation happens when:

- A water vapor turns into liquid by cooling
- B water falls from the clouds
- C water runs downhill and mountains due to gravity
- D water soaks into the ground and creates groundwater

8. What is the difference between hail and sleet?

- A hail is frozen when it hits the ground, sleet is not.
- B Sleet is frozen ice pellets, hail is liquid.
- C Hail forms in thunderstorms, while sleet happens in the winter months
- D sleet happens in the summer, while hail happens mostly in the winter months

9. Which of the following is NOT a CLOUD

- A stratus
- B cumulus
- C hail
- D fog

10. Name four of the types of precipitation

- A rain, runoff, groundwater, hail
- B rain, groundwater, hail, snow
- C rain, hail, snow, sleet
- D rain, runoff, hail, snow

11. _____ happens when water vapor (a gas) cools and turns into a liquid.

- A Evaporation
- B Condensation
- C Precipitation
- D Infiltration

12. _____ occurs when water soaks into the soil (moves underground).

- A Infiltration
- B Runoff
- C Precipitation
- D Evaporation
- E Condensation

13. The zone of _____ is the underground area where the pores are full of water. (Also known as an aquifer)

- A aeration
- B saturation
- C bedrock
- D humidity
- E dew point

14. _____ occurs when a plant releases water vapor after photosynthesis.

- A infiltration
- B respiration
- C transpiration
- D precipitation

15. The _____ is the boundary between the zone of aeration and the zone of saturation.

- A well water
- B water table
- C recharge
- D humidity
- E dew point

16. When water moves downhill, it is called _____.

- A infiltration
- B condensation
- C water tables
- D runoff

17. Cirrus clouds are found high in the sky and are made of ice crystals.

- A True
- B False

18. What process makes ground water?

- A Runoff
- B Infiltration
- C Transpiration
- D Precipitation

19. What is transpiration?

- A Water vapor (gas) changes into a liquid due to cooling making clouds
- B Water released by plants or trees through their leaves
- C Water changes to gas/water vapor due to heating
- D Liquid or solid water falls to the ground to form a cloud

20. What is precipitation?

- A Water vapor (gas) changes to a liquid due to cooling making clouds
- B Water released by plants or trees through their leaves
- C Water changes to gas/water vapor due to heating
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21. What is condensation?

- A Water vapor (gas) changes to a liquid due to cooling making clouds
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22. What is evaporation?

- A Water vapor (gas) changes into a liquid due to cooling making clouds
- B Water released by plants or trees through their leaves
- C Water changes to gas/water vapor due to heating
- D Liquid or solid water falls to the ground to form a cloud

23. What is one way you can conserve water?

- A not take the long way to school
- B sharpen your pencil before class
- C not take long showers
- D not talk out of turn in class

24. Why is it important to conserve water?

- A because we only have 3% salt water
- B because we only have 3% fresh water
- C because once we use water we don't get it back
- D it is not important

25. What type of disaster would be associated with runoff?

- A landslides
- B earthquakes
- C tsunamis
- D tornadoes

26. What is runoff?

- A water soaking into the ground and it creates ground water
- B water running down hills and mountains due to gravity
- C water vapor that turns into liquid by cooling
- D water that falls from clouds

27. The amount of water vapor in the air is called what?

- A humidity
- B water table
- C cumulus clouds
- D precipitation

28. Which of the following describes an aquifer's ability to allow water to flow through?

- A recharge zone
- B porosity
- C permeability
- D geology

29. An aquifer is also known as the _____.

- A Zone of saturation
- B Zone of aeration
- C Water Table
- D Recharge zone

30. A watershed is a region of land _____

- A where rainwater accumulates
- B that is drained by a river system
- C where the river water from tributaries accumulates
- D where the water table extends above the Earth's surface

31. What type of cloud is fog that you may observe in the morning?

- A Cumulus
- B Cirrus
- C Nimbus
- D Stratus

32. Why is their conflict over the watershed that we live in?

- A There is no conflict
- B Because it runs through Texas and Louisiana
- C Because it runs through Alabama and Florida
- D Because it runs through south Georgia

33. Where does most of the evaporation occur on the Earth?

- A Deserts
- B Oceans
- C Lakes and Rivers
- D Glaciers

34. Why do we need to conserve water if water goes through the water cycle?

- A Because US citizens do not care about the environment
- B Because animal populations are growing rapidly
- C Because the rate of consumption is greater than the water cycle rate
- D Because conservation is an important moral to instill in youth in order to keep our water on Earth

35. The conditions that are necessary for clouds to form include:

- A Precipitation, loss of heat energy, dust particles
- B Increase in heat energy, condensation, dust particles
- C Precipitation, no heat energy, evaporation
- D Condensation, loss of heat energy, dust particles

36. What percentage of Earth's entire water supply are humans able to use?

- A 97%
- B 3%
- C 1%
- D 0.03%
- E 0.01%

37. Where does Cobb County obtain their water from?

- A The Chattahoochee
- B Ruby Falls
- C Aquifers
- D The ocean

38. An underground body of rocks or sediment that contains groundwater.

- A Aquifer
- B Runoff
- C Fog
- D Infiltration

39. Which is true about water on Earth?

- A It cycles through different locations.
- B Most of the water on Earth is saltwater.
- C It is found in three phases: solid, liquid, and gas.
- D All of the choices are true.

40. Will the global water crisis effect the United States?

- A No, we keep our own water supply
- B Yes, water scarcity is due to overconsumption
- C Yes, we already have problems with supply in most parts of the United States
- D No, we take all of our water from the oceans

41. Which country over uses water the most in the world?

- A The United States
- B India
- C China
- D France