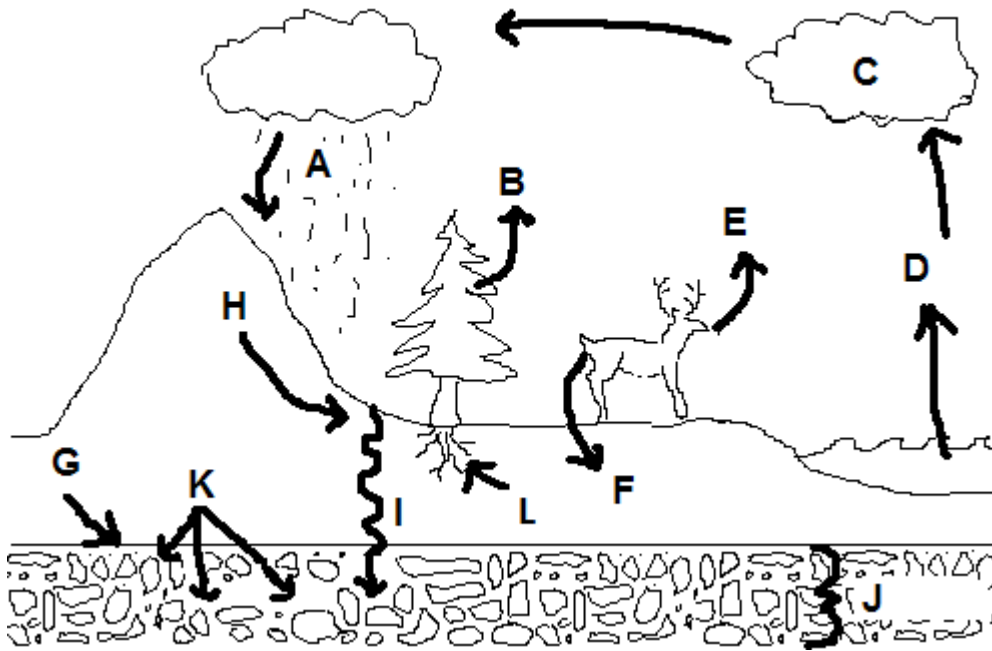


# WATER CYCLE REVIEW:



NAME THE PROCESSES / OBJECTS ASSOCIATED WITH THE WATER CYCLE.

WORD BANK: infiltration, ground water, transpiration, evaporation, water table, Aquifer, run off, condensation, precipitation, respiration, absorption, urination (11pts)

A \_\_\_\_\_

B \_\_\_\_\_

C \_\_\_\_\_

D \_\_\_\_\_

E \_\_\_\_\_

F \_\_\_\_\_

G \_\_\_\_\_

H \_\_\_\_\_

I \_\_\_\_\_

J \_\_\_\_\_

K \_\_\_\_\_

L \_\_\_\_\_

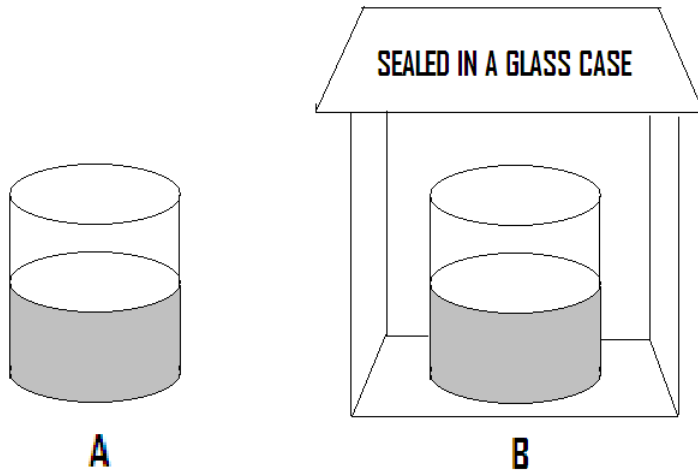
Name the 8 water reservoirs and the average residence time in each:

<b>reservoir</b>	<b>Residency time</b>

Define:

1. Biosphere-
2. impervious -
3. permeable-
4. aquifer-
5. hydrologic cycle-
6. watershed-
  
7. List 4 potential groundwater contaminants
  - 1
  - 2
  - 3
  - 4
8. What force drives evaporation?
9. What force drives precipitation?
10. What has to occur in the atmosphere for condensation to take place?
11. What percent of the water on the planet is freshwater?
12. In what way are humans a part of the water cycle? (4)
13. What would cause a water table to rise?
14. Where is the water in an aquifer located?
15. How do we clean dirty / used water? (2 pts)

16. After 72 hours, which container will have less water?

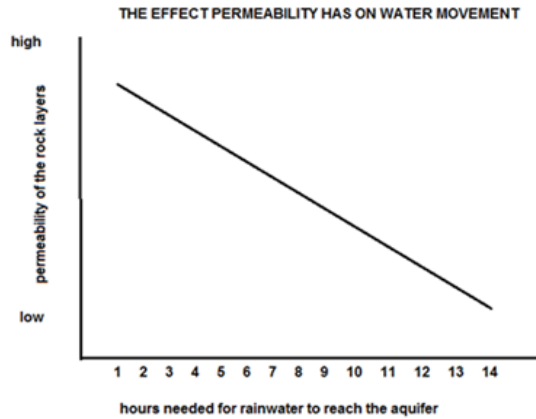


Use these definitions and the graph to answer questions below

**POROSITY**- the "hole-iness" of rock (like a sponge)

**PERMEABLE**- the Earth's ability to let liquids flow through it

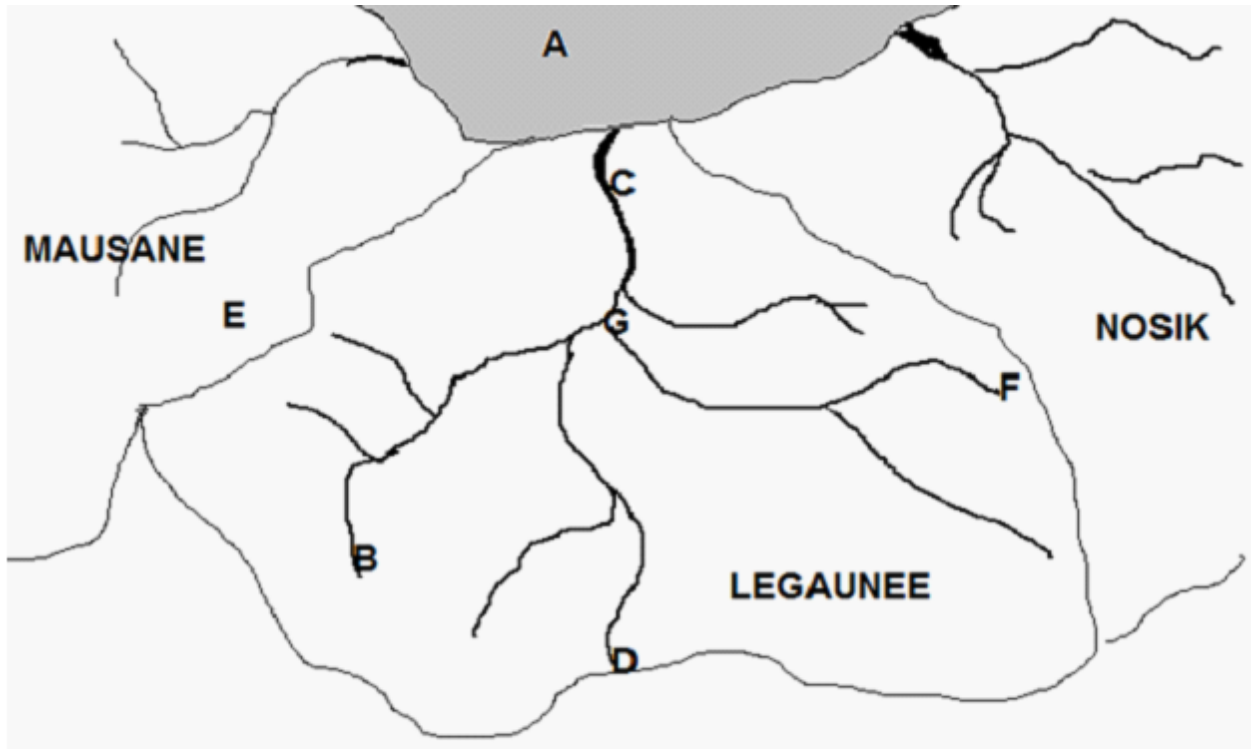
**IMPERMEABLE** - unable to allow water to flow through



17. If land is not very permeable, what happens to soak in time?

18. If permeability increases, what happens to soak in time?

19. If land has porous rocks, it is probably more permeable or less impermeable?



Which letter shows the main river that drains the Legaunee watershed?

What is B?

If rain water falls in the area marked "E," which watershed will drain it?

A is an area where all three watersheds drain. It is probably a(n) \_\_\_\_\_.

Which letter(s) show the upper basin of the Legaunee watershed?

If the Legaunee watershed is polluted at point F, what other areas will be affected? Name all 3. (3 pts)