

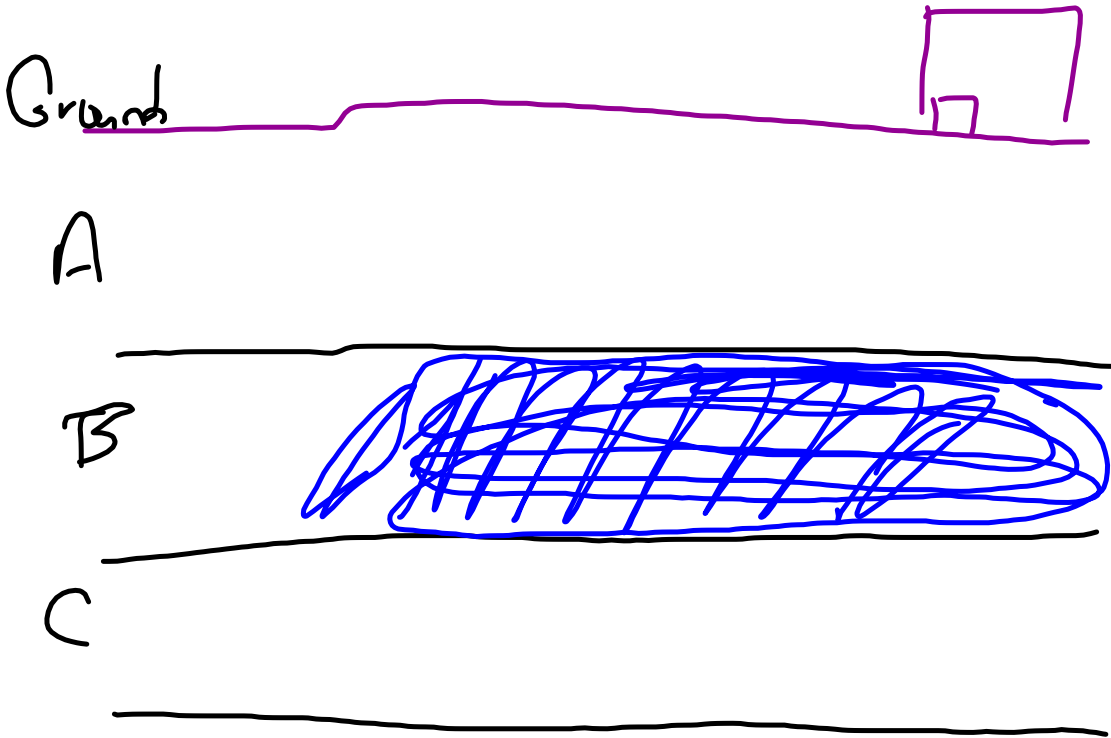
Science 8

Wed Sept 20<sup>th</sup>

Chapter 10 Review

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q. 1, 2, 3, 5



## Identify

- porous soil/rock area
- zone of saturation
- Aquifer
- water table
- impermeable rock

1. (a) As rainwater and meltwaters produce run-off, they flow to the drainage basin, where all waters in the area flow.
- (b) the top layer of all groundwater beneath the surface of Earth is known as the water table.

(c) The topmost layer of the zone of saturation is referred to as the water table.

(d) The water cycle is a continual process that includes evaporation and condensation. Water rises into the atmosphere (evaporation), collects in the atmosphere producing large droplets of water (condensation) and falls back to the Earth as precipitation.

- 2.
- a) upstream
  - b) Drainage divide
  - c) water table
  - d) Spring
  - e) evaporation
  - f) precipitation

3. Slope of the land,  
amount of rainfall, and  
type of rock all effect the  
amount of run-off.

Steeper land, heavy rainfall,  
and impermeable rock all  
increase the amount of run-off.



5. The amount of precipitation, the depth of the impermeable rock, and the number of people using the groundwater all affect the level of the water table.

6. Evaporation  
precipitation

7. Sun