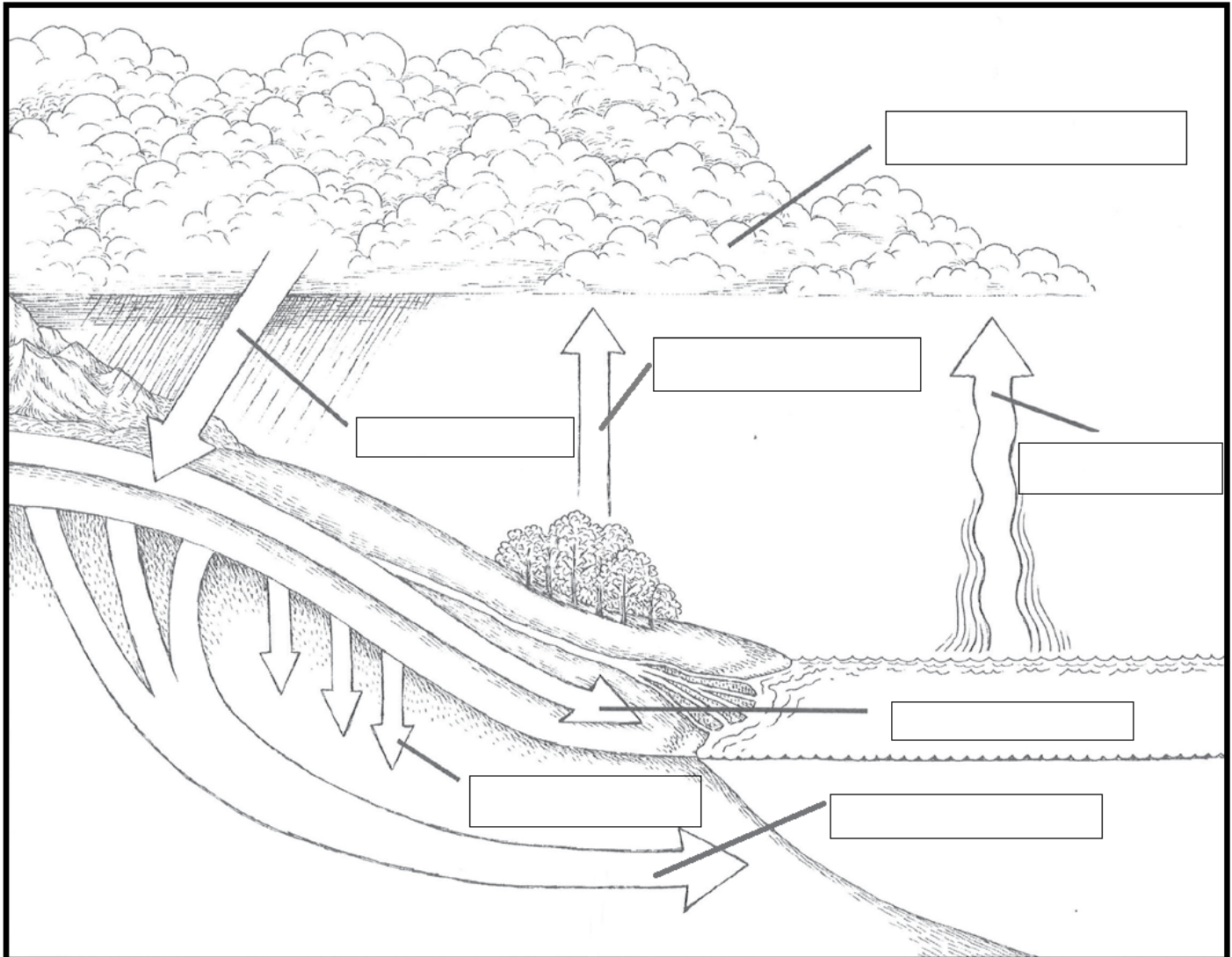


The Hydrologic Cycle

NAME:

Class:

DATE:



The hydrologic cycle is a continuous thing and happens everywhere on this planet. Here is a small diagram that shows some of the more important processes. It really does not start or end anywhere because it is a cycle. Sometimes water is trapped in ice or the groundwater for thousands of years or in rock deposits for millions of years but the cycle goes on. We can look at the parts of the cycle like when water changes state from liquid to gas and goes into the atmosphere (Evaporation). From there, it forms droplets in the sky as it cools (Condensation) and forms clouds. These continue to grow until there is enough gravitational pull for the droplets to fall (Precipitation). This can fall as rain, snow and a mixture called hail or sleet. Once on the surface, it can run along the surface (Runoff) or can soak into the soil (Infiltration/percolation). If it soaks into the ground, it travels through the rock and soil (Groundwater) and comes out to the surface again through springs and drawn up by plants and some of that water from the plants is released back into the air (Transpiration).

Use the Paragraph to properly label the diagram above by using the words in parentheses by the indicated areas of the diagram.