# The Global Water Cycle [ANSWER KEY]

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| * Lakes and Streams
* Glaciers
* Runoff
* Groundwater

  | * Condensation
* Transpiration
* Sublimation
* Evaporation

  | * Oceans
* Atmosphere
* Precipitation
* Infiltration (percolation)
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Water is stored in 5 places on Earth. Name each place and note the phase that water is in (i.e., liquid, solid, or gas).

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|  **Place**  | **Phase?**  |
| *1) Lakes and Streams*  | *Liquid (water)*  |
| *2) Glaciers*  | *Solid (ice)*  |
| *3) Groundwater*  | *Liquid (water)*  |
| *4) Oceans*  | *Liquid (water)*  |
| *5) Atmosphere*  | *Gas (vapor)*  |

There are 7 processes involved in the water cycle. Name and define each process. Include the phase change that water goes through during each process.

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| **Process**  | **Definition**  | **Water phase?**  | **Place?**  |
| *1) Runoff*  | *Precipitation runs over land into a water body*  | *Liquid → Liquid*  | *Any area adjacent to a water body*  |
| *2) Condensation*  | *Water vapor turns into liquid water*  | *Gas → Liquid*  | *Atmosphere*  |
| *3) Transpiration*  | *Loss of water vapor from plants*  | *Liquid → Gas*  | *Plant surfaces, atmosphere*  |
| *4) Sublimation*  | *The conversion of snow or ice directly into water vapor*  | *Solid → Gas*  | *Glaciers and Icecaps*  |
| *5) Evaporation*  | *The conversion of liquid water into water vapor*  | *Liquid → Gas*  | *Surface of water bodies*  |
| *6) Precipitation*  | *The condensation of water vapor into liquid water droplets*  | *Gas → Liquid*  | *Atmosphere*  |
| *7) Infiltration*  | *Water that is absorbed into the Earth*  | *Liquid → Liquid*  | *Land*  |

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