# 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) |

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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