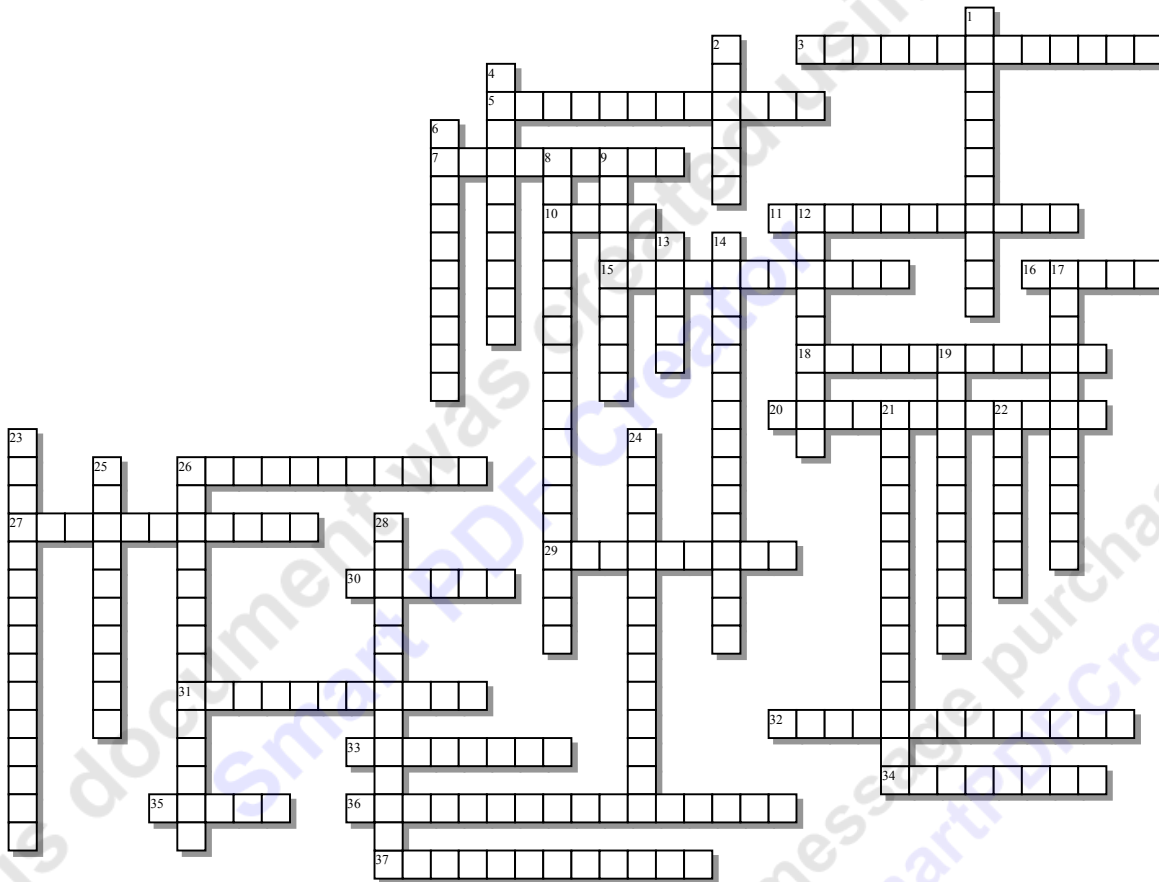


# Abiotic Factors

Name: \_\_\_\_\_



## Possible Answers:

abiotic, acid, adaptation, biogeochemical, biogeography, biological, biotic, carbon, coldbloodedness, condensation, dispersal, eutrophic, eutrophication, evaporation, evapotranspiration, hibernation, hyperthermia, hypothermia, light, lightenergy, mesotrophic, moisture, nitrogen, oligiotrophic, percolation, phosphorus, photo, photosynthesis, physiological, pollination, precipitation, respiration, shivering, temperature, thermoregulation, tolerance, warmbloodedness, water

**Across:**

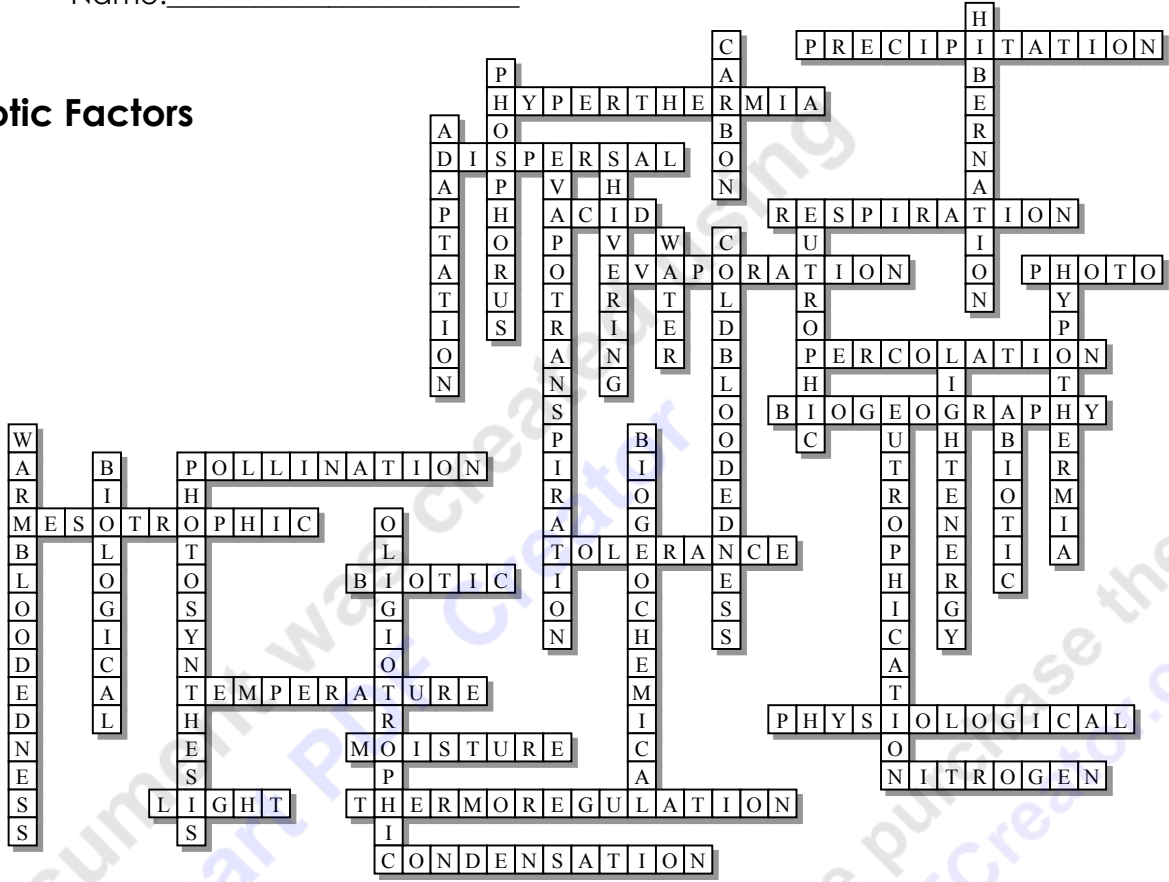
- 3 - This is when water that is so heavy it falls as liquid / solid.
- 5 - Having a body temperature that is too high that may cause heart failure, among other problems and death
- 7 - Wind, water, animal, and tension are all types of seed \_\_\_\_\_
- 10 - Type of rain that has a lower pH from air pollutants.
- 11 - Processes whereby certain organisms obtain energy from organic molecules. (Cellular \_\_\_\_\_)
- 15 - This is when a substance changes from a liquid state to gas state (requires energy).
- 16 - Prefix for the word light
- 18 - The slow movement of water through the soil
- 20 - Island \_\_\_\_\_ is the study of rates of colonization and extinction of species on islands.
- 26 - The transferring of pollen (plants sex cells) from one plant to another
- 27 - Name for a lake or river with moderate productivity
- 29 - All organisms have a range of \_\_\_\_\_ to the abiotic factors
- 30 - Of, pertaining to, or produced by life or living organisms.
- 31 - Warm and cold abiotic factor
- 32 - The type of thermoregulation that you can control
- 33 - The wettest of the seven abiotic factors
- 34 - This cycle circulates nitrogen from the air, to the soil, to organisms, and then back to the air. (\_\_\_\_\_ cycle)
- 35 - The brightest of the seven abiotic factors
- 36 - The ability of an organism to keep its body temperature within certain boundaries
- 37 - This is when water vapor (gas) turns back to a liquid. (energy required / cold) - cloud formation

**Down:**

- 1 - Being inactive during winter, and lower metabolism
- 2 - The circulation of carbon from the atmosphere into organisms (biotic) and back again (abiotic). (\_\_\_\_\_ cycle)
- 4 - A common nutrient in nutrient pollution.
- 6 - A process whereby an organism becomes better suited to its habitat.
- 8 - This is when water is released by plants into air
- 9 - Process where muscles contract and relax when it is cold, this generates heat
- 12 - Name for a lake or river with high productivity
- 13 - The \_\_\_\_\_ cycle is the continuous movement of water on, above, and below the surface of the Earth
- 14 - When organisms can't regulate their internal temperature
- 17 - A decrease in the core body temperature to a level at which normal muscular and brain functions are impaired
- 19 -  $6\text{CO}_2 + 6\text{H}_2\text{O} + \underline{\hspace{2cm}} = \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$
- 21 - When oxygen is removed from a water body by bacteria
- 22 - Another name for the word non-living
- 23 - Maintaining a warm body temperature independent of environmental conditions.
- 24 - This is a life, Earth, change atoms, repeating event (\_\_\_\_\_ cycle)
- 25 - The type of thermoregulation that you cannot control
- 26 - A process that converts carbon dioxide into organic compounds, especially sugars, using the energy from sunlight.
- 28 - Name for a lake or river with low productivity

Name: \_\_\_\_\_

## Abiotic Factors



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