

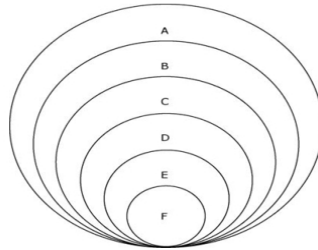
**Ecosystem**

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

**Block:** \_\_\_\_\_

1) Ecological Hierarchies

Use the following terms to label the parts of a biosphere: biome, community, ecosystem, organism, population, species.



2) Use a + symbol to indicate a positive interaction, a – symbol to indicate a negative interaction, and 0 to indicate a neutral interaction.

|              | Species A | Species B |
|--------------|-----------|-----------|
| Commensalism |           |           |
| Mutualism    |           |           |
| Parasitism   |           |           |
| Competition  |           |           |
| Predation    |           |           |

3) Read each of the following descriptions (in italics) of an interaction within the ecological community and answer each of the questions with one of the following type of ecological relationship(s) that exist within the community: **mutualism, parasitism, commensalism, predation, intraspecific competition, interspecific competition**

The main producers were Sweet Clover plants, Wild Oats, Canada Thistle and Blue Burr. These species were growing and photosynthesizing, intermingled in the same field.

a) Which two of the following best describe the relationships that exist between the plants?

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