**Characteristics of Life Lab Part 1**

**Directions:** Based on your CURRENT knowledge (before we have learned about the true characteristics that differentiate the living from nonliving), determine if each of the objects is living, was once living, or was never considered living. Then, list at least 2 pieces of evidence that led you to that conclusion. An example is provided for you at the top of the chart.

|  |  |  |  |
| --- | --- | --- | --- |
| **Object** | **Living/Once Living/Never Living** | **Evidence 1** | **Evidence 2** |
| ***Example: ASIMO*** | ***Never Living*** | ***Does not work without a battery*** | ***Does not breathe oxygen*** |
| 1.  |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
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| 16. |  |  |  |
| 17. |  |  |  |
| 18. |  |  |  |
| 19. |  |  |  |

**List of items**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cork | Frog | Bear | Seal | Cat |
| Tennis Ball | Monkey | Chicken | Rock | Pencil |
| Grasshopper | Platypus | Ladybug | Mulch | Kangaroo |
| Crocodile | Koala Bear | Spider | Bouncy Ball |  |

**Homework:**

A) Review all of the objects that you investigated today. What are **at least three** characteristics **ALL** living things **MUST** have in common?

Characteristic 1: In order to be living, an organism must….\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Characteristic 2: In order to be living, an organism must….\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Characteristic 3: In order to be living, an organism must….\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B) Write one paragraph that supports the **reasons** why you chose these three characteristics. Be sure to include information and **evidence** from our in-class activity as well as your own scientific thinking/reasoning.

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