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

6 Characteristics of Living Things

There are 6 characteristics that will tell you if something is alive.

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| 1. **Living things \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.*** Every \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ develops at a different \_\_\_\_\_\_\_\_\_\_\_\_\_.
* During \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, a single cell divides again and again.
* After these cells divide they begin to look different from one another and perform different \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. **Living things are based on a universal \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.*** All organisms store \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ they need to live, grow, and reproduce in a genetic code written in a molecule called \_\_\_\_\_\_\_\_\_\_\_\_.

Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. **Living things \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to their environment.*** Organisms detect and respond to signals from their environment

Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. **Living things are made up of \_\_\_\_\_\_\_\_\_\_\_\_\_\_.** * Organisms are composed of \_\_\_\_\_\_\_\_\_\_ or more \_\_\_\_\_\_\_\_\_\_\_.
* Cells are the smallest living things.
* Cells are \_\_\_\_\_\_\_\_\_\_\_\_\_ and very \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. **Living things \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.*** All organisms reproduce, which means that they produce \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ organisms.
* Some organisms have two parents (\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_) and others have just one (\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_)

Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 6. **Living things \_\_\_\_\_\_\_\_\_\_\_ and use \_\_\_\_\_\_\_\_\_\_\_\_ as \_\_\_\_\_\_\_\_\_\_\_.*** All organisms must take in materials and energy to \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* Chemical reactions breaks down materials in what is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |