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