

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Identify the characteristic of life for each of the following statements below.

1. \_\_\_\_\_ "My friend got 3 inches taller in one summer"
2. \_\_\_\_\_ "Football players tend to eat a lot of food the night before a game"
3. \_\_\_\_\_ "The mealworm curled up when it was touched"
4. \_\_\_\_\_ "Bacteria are unicellular organisms that can live in harsh environments"
5. \_\_\_\_\_ "My dog had 3 puppies yesterday"
6. \_\_\_\_\_ "When I get hot I sweat a lot"
7. \_\_\_\_\_ "Bacteria demonstrated the ability to become antibiotic resistant in 10 days" ([Video](#))
8. \_\_\_\_\_ "Pavlov's dogs would salivate at the sound of a metronome"
9. \_\_\_\_\_ "At only 9 months old, my little brother was walking!"
10. \_\_\_\_\_ "After running the marathon, I ate a whole pizza and I was still hungry"

11. Identify the following as either abiotic (A) and biotic (B).

Use "A" or "B"

- A. \_\_\_\_\_ sunlight
- B. \_\_\_\_\_ algae in a pool
- C. \_\_\_\_\_ acidity in the ocean
- D. \_\_\_\_\_ salinity (amount of salt) in the water
- E. \_\_\_\_\_ bacteria in your stomach
- F. \_\_\_\_\_ water
- G. \_\_\_\_\_ nitrogen
- H. \_\_\_\_\_ oxygen
- I. \_\_\_\_\_ carbon dioxide
- J. \_\_\_\_\_ a human
- K. \_\_\_\_\_ a pine tree

12. Compare and Contrast catabolism and anabolism.