

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

## Life Functions Worksheet 2

Complete the following chart:

Life Function	Definition
Transport	
	The release of energy from food
Nutrition	
Regulation	
	The removal of harmful cellular wastes
Growth	
Synthesis	
	The production of new individuals

\_\_\_\_\_ : The total of all life activities (chemical reactions)

Homeostasis: \_\_\_\_\_

\_\_\_\_\_

Choose the life function that is **primarily** being described by the statements below.

1. A bicyclist swerves to avoid being hit by a car \_\_\_\_\_
2. Calcium (Ca) get carried to your bones via the blood \_\_\_\_\_
3. Tommy is 3 inches taller by his 12<sup>th</sup> birthday \_\_\_\_\_
4. Plants are able to produce their own glucose by photosynthesis \_\_\_\_\_
5. Dogs love to urinate on fire hydrants \_\_\_\_\_
6. Amino acids are combined to form many complex proteins \_\_\_\_\_
7. The Olsen twins really look like their parents \_\_\_\_\_
8. Your pupils dilate when a room gets dark. \_\_\_\_\_
9. Insulin gets released by the pancreas when blood sugar levels are high. \_\_\_\_\_
10. Like all animals, humans constantly convert glucose to ATP \_\_\_\_\_
11. I can't believe that tiny snake swallowed that huge frog. \_\_\_\_\_
12. Chris took anabolic steroids to increase his muscle mass. \_\_\_\_\_
13. Suzie jumped into her mother's arms when she heard the loud thunder. \_\_\_\_\_
14. Pistol Pete spun a basketball on his finger for 30 minutes. \_\_\_\_\_
15. A grasshopper breaks down small blades of grass into small particles. \_\_\_\_\_
16. Hydras create buds asexually. \_\_\_\_\_
17. Bryan cut himself shaving and the bleeding stopped about 15 mins later \_\_\_\_\_
18. CO<sub>2</sub> and urea are removed from cells and leave the body \_\_\_\_\_
19. Sugars are combined to create large starch molecules \_\_\_\_\_
20. Plants turn unusable energy into usable energy \_\_\_\_\_
21. It was so cold out that the marathon runners' sweat froze to their skin. \_\_\_\_\_
22. A queen honeybee can lay almost 2,000 eggs daily. \_\_\_\_\_