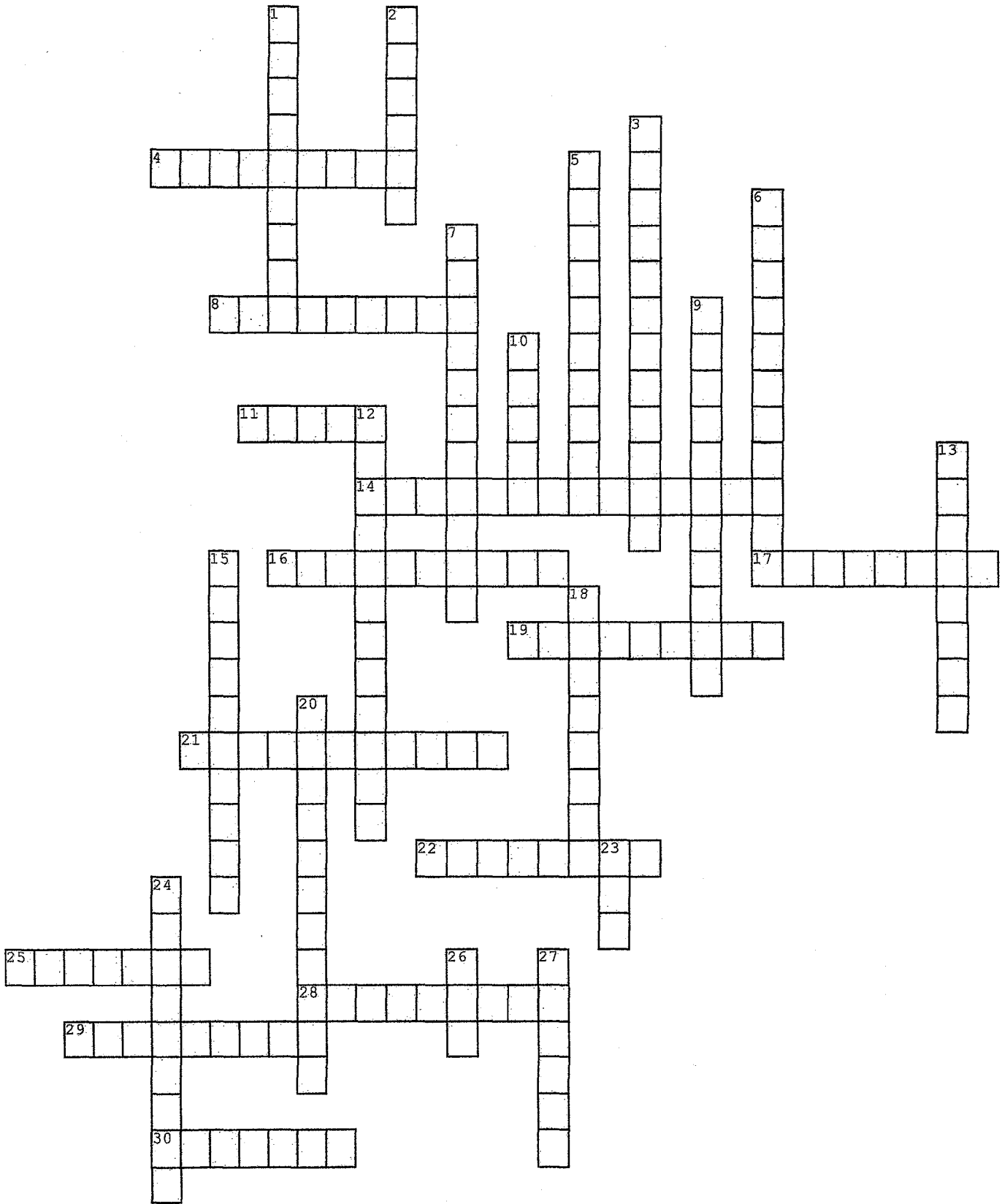


Name: _____

The Life Functions

Complete the crossword below



Horizontal

- 4.** The movement of materials throughout the organism.
- 8.** The building of complex molecules from simpler ones. The opposite of digestion (decomposition).
- 11.** Made up of hydrogen and oxygen atoms bonded together; makes up 2/3 of your body.
- 14.** Plants use water and carbon dioxide to convert the sun's energy to food.
- 16.** These are organisms that can make their own food.
- 17.** A change in the environment that provokes a response.
- 19.** The breakdown of complex food molecules into simpler nutrients.
- 21.** This occurs between species of organisms due to the scarcity of space on our planet.
- 22.** An action that occurs due to an organism being stimulated.
- 25.** The way that your cells reproduce to replace dead or dying cells. Only one parent required.
- 28.** The removal of the cellular wastes such as CO₂, urea, urine, and sweat.
- 29.** The process by which organisms obtain the energy they need to live.
- 30.** A hormone (chemical messenger) that helps keep our blood glucose level constant.

Vertical

- 1.** Taking in food.
- 2.** The increase in size or the increase in number of cells in an organism.
- 3.** These are organisms that must obtain nutrients from their surroundings.
- 5.** A series of processes that help an organism control and coordinate the other life functions.
- 6.** The involuntary contractions of the muscles of the digestive tract.
- 7.** The process by which an organism obtains energy from the food it eats.
- 9.** An organisms regulation of its internal environment.
- 10.** A parasite that is not truly alive due to the fact that it can only reproduce.
- 12.** A life function that is not needed for the survival of one organism, but is required for the survival of an entire species.
- 13.** The ability of an organism to defend against pathogens and allergens.
- 15.** The sum of all of the chemical reactions that occur in an organism. Helps the organism maintain its necessary energy level.
- 18.** The removal of undigested wastes.
- 20.** The maturation of the cells of an organism.
- 23.** The initial source of energy for all living things on our planet.
- 24.** Organisms that do not need oxygen in order to obtain energy from their food.
- 26.** A form of chemical energy that the cells use to perform the life functions.
- 27.** Needed by an organism for growth, repair, and movement.