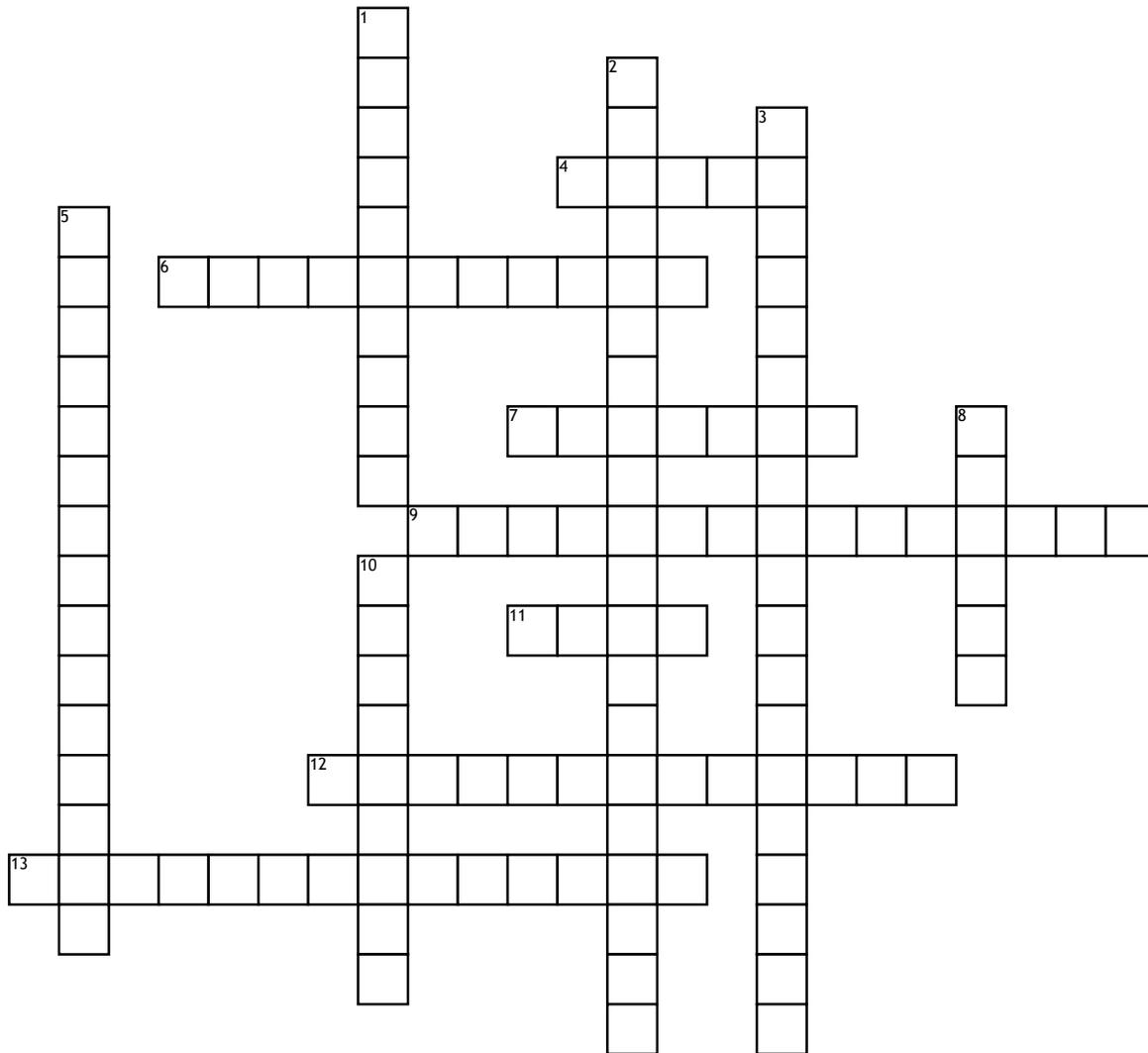


Anatomy and Physiology Crossword



Across

4. a part of an organism that is typically self-contained and has a specific vital function, such as the heart or liver in humans.
6. the tendency toward a relatively stable equilibrium between interdependent elements, especially as maintained by physiological processes.
7. the branch of science concerned with the bodily structure of humans, animals, and other living organisms, especially as revealed by dissection and the separation of parts
9. a chemical messenger system comprising feedback loops of hormones released by internal glands of an organism directly into the circulatory system, regulating distant target organs.

11. the smallest structural and functional unit of an organism, typically microscopic and consisting of cytoplasm and a nucleus enclosed in a membrane.
12. the network of nerve cells and fibers which transmits nerve impulses between parts of the body.
13. is the ability of an organism to adjust to changes in its internal and external environments

Down

1. the branch of biology that deals with the normal functions of living organisms and their parts.
2. another term for circulatory system.
3. comprises the skin and its appendages acting to protect the body from various kinds of damage, such as loss of water or damages from outside.

5. the network of vessels through which lymph drains from the tissues into the blood.
8. any of the distinct types of material of which animals or plants are made, consisting of specialized cells and their products.
10. (in living organisms and cells) the process of eliminating or expelling waste matter.