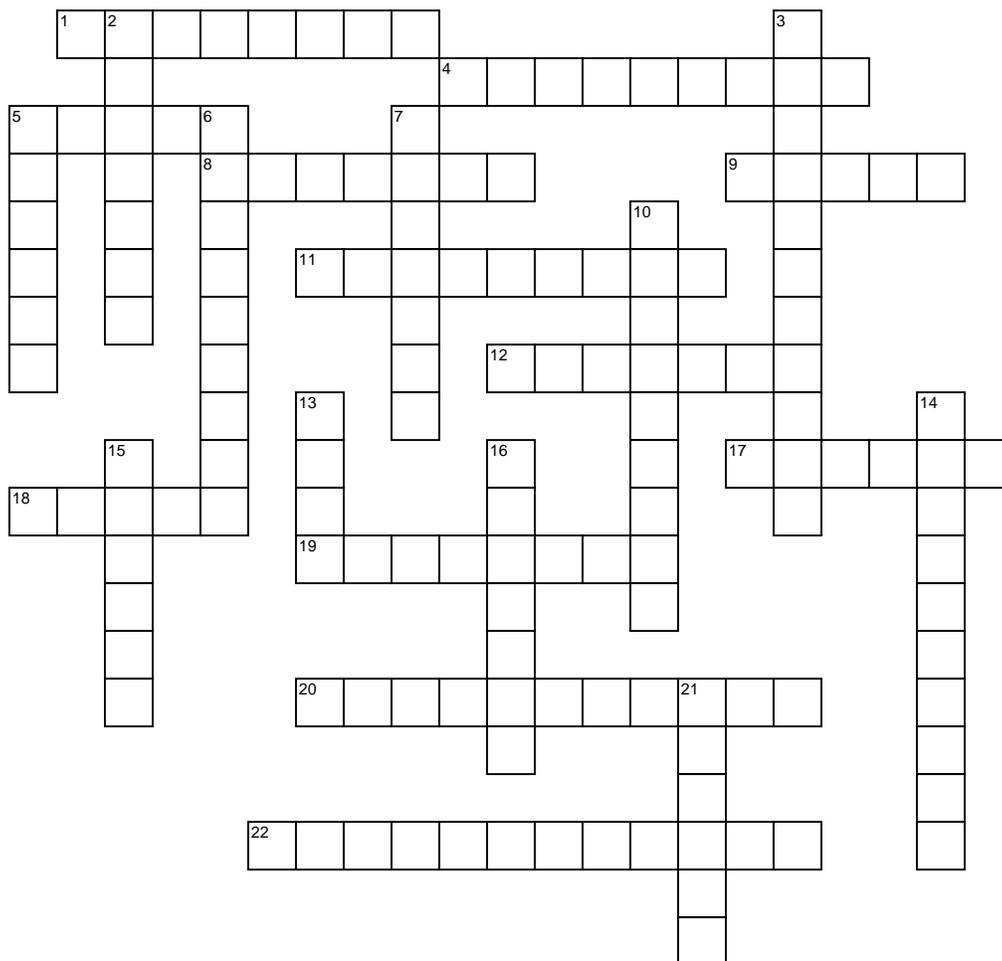


Biology

Lesson 1.4 -- Body Control systems



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ACROSS

- 1 The middle part of the diencephalon through which sensory impulses pass to reach the cerebral cortex.
- 4 The act of discharging waste matter from the blood, tissues, or organs.
- 5 bundles of fibers forming part of a system that conveys impulses between the brain and other parts of the body.
- 8 The filtering and excretory unit of the kidney, consisting of the glomerulus and tubules.
- 9 Of or pertaining to the kidneys or the surrounding regions.
- 11 Involuntary portion of the peripheral nervous system.
- 12 The inner layer or part of an organ
- 17 Either of a pair of organs in the back part of the abdominal cavity that form and excrete urine, regulate fluid and electrolyte balance, and act as endocrine glands.
- 18 a fluid consisting of certain waste products of metabolism.
- 19 The front part of the pituitary gland
- 20 The part of the autonomic system that stimulates organs for flight or fight.
- 22 A region of the brain that functions as the main control center for the autonomic nervous system

DOWN

- 2 A chemical substance formed in some organ of the body where it produces a specific effect.
- 3 The tendency of a system to maintain internal stability
- 5 A nerve cell.
- 6 Any gland of the body that secretes a hormone
- 7 the canal or tube that carries urine away from the bladder
- 10 A small endocrine gland located in the lower part of the brain
- 13 A nonprotein, organic compound of nitrogen.
- 14 A large portion of the brain, serving to coordinate voluntary movements
- 15 A reddish gland located in a brain cavity behind the pituitary.
- 16 A pair of ductless glands which secrete adrenaline and cortin.
- 21 A ductless, glandular body situated in the thorax