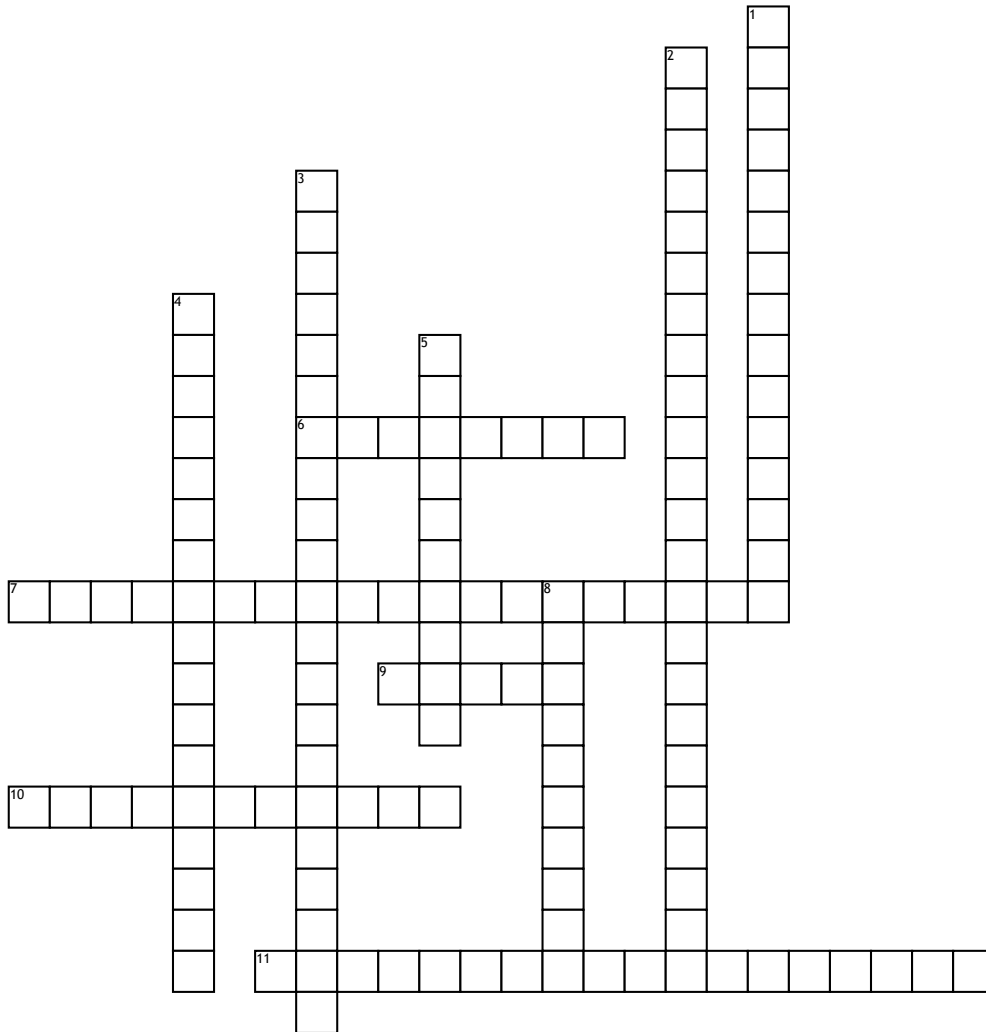


# Nervous System



## Across

6. layers of connective tissue that protect brain and spinal cord
7. prepares the body for intense, energy-consuming activities
9. master control center of nervous system
10. carries signals from CNS to skeletal muscles, mainly in response to external stimuli, voluntary
11. in and around brain & spinal cord

## Down

1. network of neurons in digestive tract, pancreas, and gallbladder that controls secretion and peristalsis
2. primes body for activities that gain and conserve energy for the body
3. regulates internal environment by controlling smooth and cardiac muscles and organs & glands of endocrine, excretory, digestive, and cardiovascular systems, involuntary
4. maintains stable chemical environment in brain
5. bundle of nerve fibers inside spine, convey info to and from brain
8. spaces in brain filled with cerebrospinal fluid

## Word Bank

parasympathetic division  
ventricles  
enteric division  
motor system

blood-brain barrier  
spinal cord  
meninges  
brain

autonomic nervous system  
cerebrospinal fluid  
sympathetic division