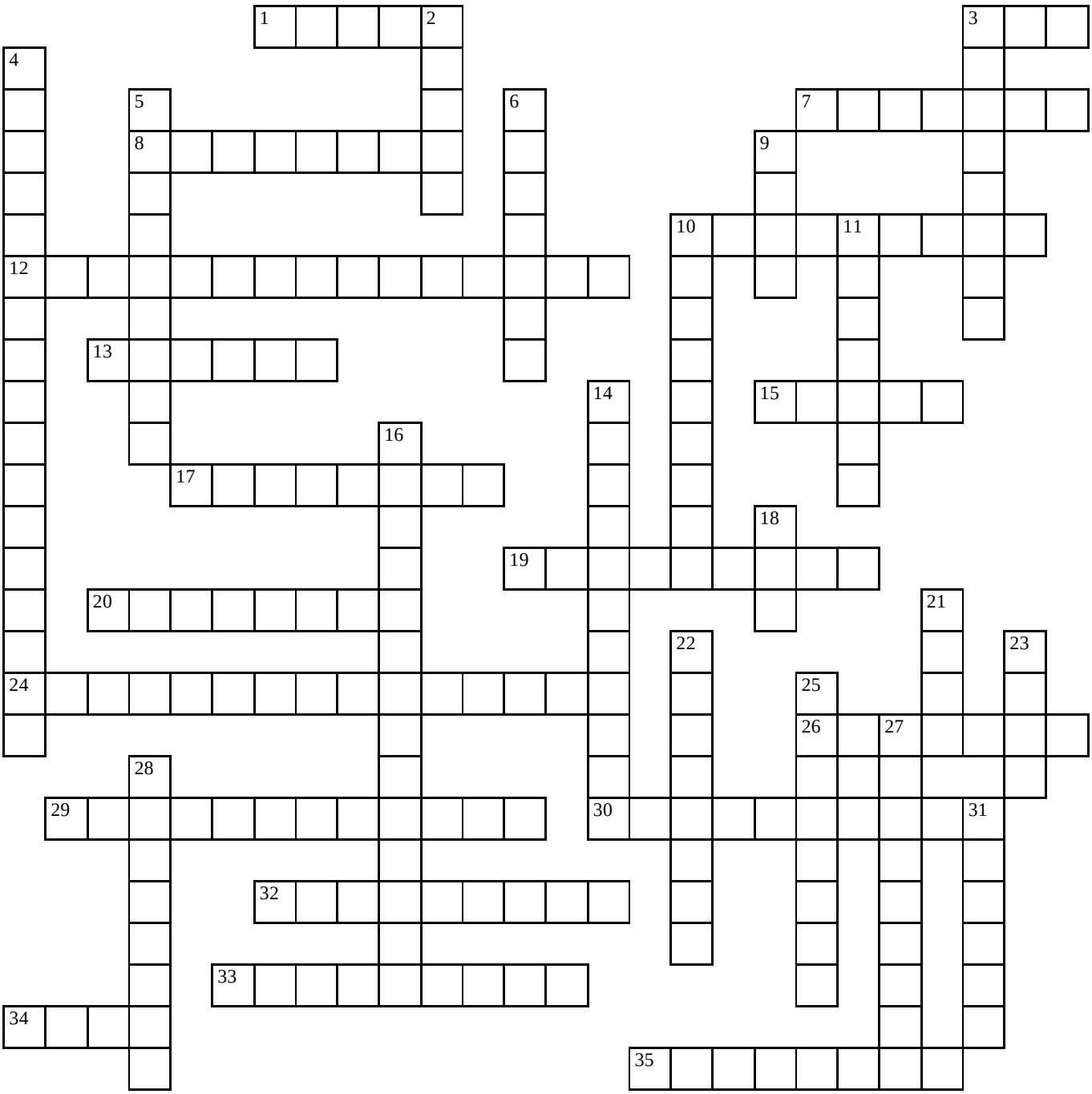
Nervous System I



ACROSS

1 Grooves in the surface of the brain(plural)
3 Abbreviation for fluid that surrounds brain and spinal cord
7 Branch of the nervous system that contains the brain and spinal cord
8 One mechanism to remove neurotransmitters from a synapse; Blocked by drugs such as Prozac

DOWN

2 Type of neuron in the CNS that is located between motor and sensory neurons; Most abundant neuron type
3 Largest mass of human brain; contains lateral, frontal, and temporal regions
4 Opening of a potassium channel causes; Cell moves further from threshhold
5 Mater found in middle

PDF Created with deskPDF PDF Writer - Trial :: http://www.docudesk.com

10 (Blank) bodies; involved in memory recognition
12 Nicknamed the resting and digesting nervous system
13 Region of the cerebrum that is made of gray matter
15 A bundle of axons in the peripheral nervous system supported by connective tissue is called a
17 Branch of the peripheral nervous system that carries signals towards the CNS
19 Effect of sympathetic stimulation on pupils
20 Region of the cerebrum involved in sensory interpretation
24 Cell type that creates myelin in the CNS
26 Lobe of cerebrum concerned with voluntary movement
29 Region of the brain involved in regulating visceral activities; Involved in thirst and hunger
30 Involved in fine motor regulation and coordination
32 Lobe of cerebrum concerned with integration of vision
33 Branch of the nervous system that controls vital physiological processes without conscious effort
34 Outer covering of brain and spinal cord; (Blank) mater
35 Type of synapse that is most common in humans

6 Branch of the peripheral nervous system that innervates skeletal muscles
9 Technical name of the neuronal cell body
10 Cell type that functions as a macrophage in CNS
11 Ventricle located in either hemisphere of the brain
14 Nicknamed the fight or flight nervous system
16 Opening of sodium channels causes a movement of sodium into cell and the cell begins the process of
18 Innermost mater; tender
21 Long tapered portion of a neuron that carries impulses away from the cell body
22 Portion of the neuron that carries impulses towards the cell body
23 Color of brain tissue that is not myleinated
25 Branch of the peripheral nervous system that transmits signals away from the CNS
27 Medulla (blank)
28 Space located between brain and skull
31 Substance that increases velocity of nerve transmission

Note: For a fee, you can use Crossword Weaver to print a nice copy of this puzzle (one that doesn't look like a web page). You can check it out for free by downloading the demo from http://www.crosswordweaver.com/index.htm?From=OCWM.puzzle .

PDF Created with deskPDF PDF Writer - Trial :: http://www.docudesk.com